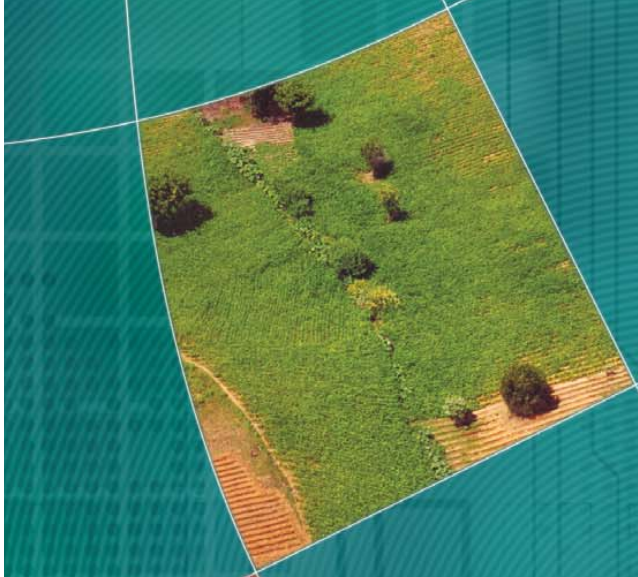
UNITED NATIONS
Office on Drugs and Crime

2004
WORLD DRUG REPORT

Volume 2: Statistics



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WORLD DRUG REPORT

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Volume 2: Statistics

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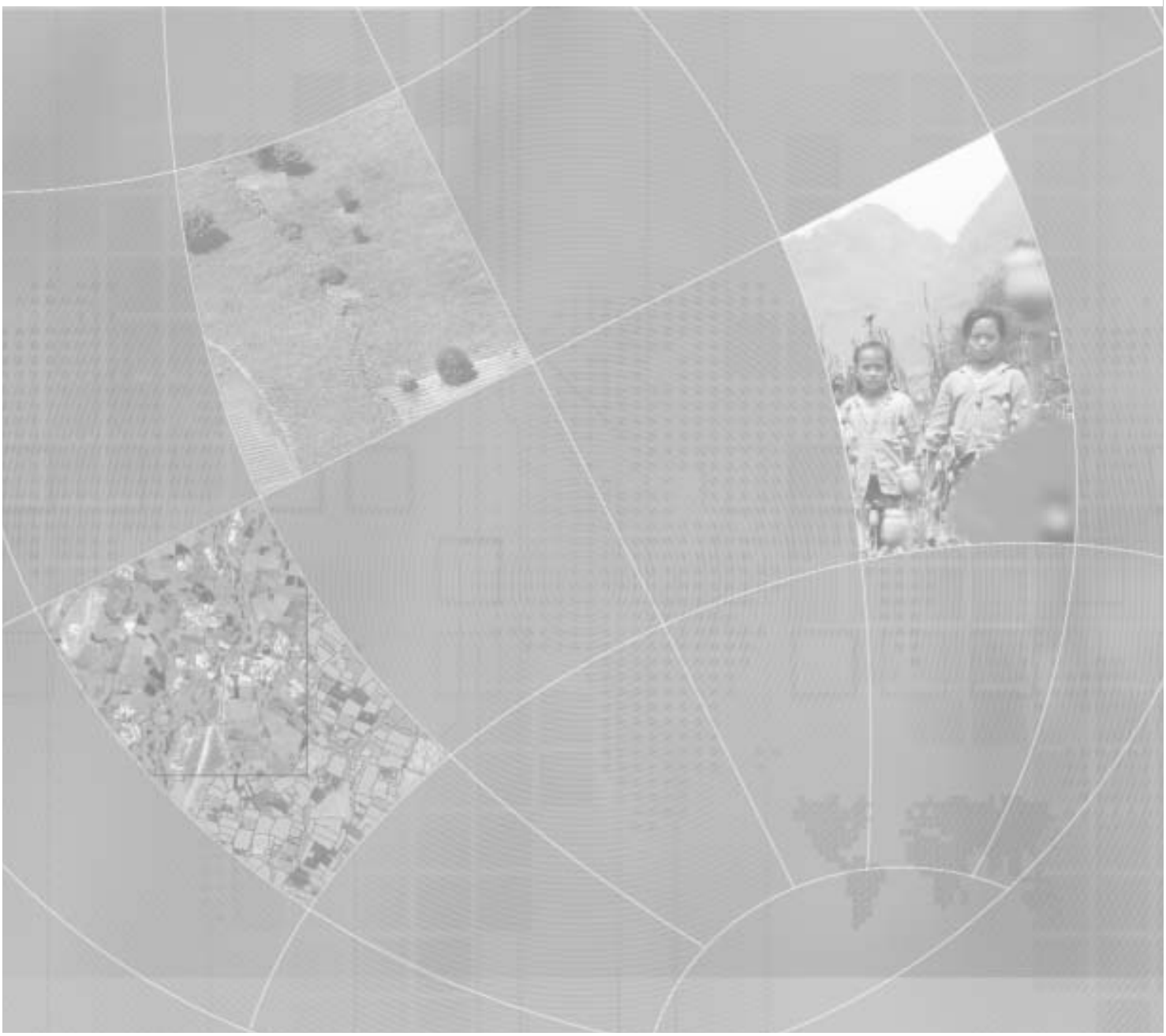


3.1 Opium/heroin

OPIUM

GLOBAL ILLICIT CULTIVATION OF OPIUM POPPY AND PRODUCTION OF OPIUM, 1990-2003

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CULTIVATION[1] IN HECTARES														
SOUTH-WEST ASIA														
Afghanistan	41,300	50,800	49,300	58,300	71,470	53,759	56,824	58,416	63,674	90,583	82,171	7,606	74,100	80,000
Pakistan	7,488	7,962	9,493	7,329	5,759	5,091	873	874	950	284	260	213	622	2,500
Subtotal	48,788	58,762	58,793	65,629	77,229	58,850	57,697	59,290	64,624	90,867	82,431	7,819	74,722	82,500
SOUTH-EAST ASIA														
Lao PDR	30,580	29,625	19,190	26,040	18,520	19,650	21,601	24,082	26,837	22,543	19,052	17,255	14,000	12,000
Myanmar	150,100	160,000	153,700	165,800	146,600	154,070	163,000	155,150	130,300	89,500	108,700	105,000	81,400	62,200
Thailand [2]	1,782	3,727	3,016	998	478	168	368	352	716	702	890	820	750	
Viet Nam [2]	18,000	17,000	12,199	4,268	3,066	1,880	1,743	340	442	442				
Subtotal	200,462	210,352	188,105	197,106	168,664	175,768	186,712	179,924	158,295	113,187	128,642	123,075	96,150	74,200
LATIN AMERICA														
Colombia [3]		1,160	6,578	5,008	15,091	5,226	4,916	6,584	7,350	6,500	6,500	4,300	4,100	4,100
Mexico [4]	5,450	3,765	3,310	3,960	5,795	5,050	5,100	4,000	5,500	3,600	1,900	4,400	2,700	4,800
Subtotal	5,450	4,925	9,888	8,968	20,886	10,276	10,016	10,584	12,850	10,100	8,400	8,700	6,800	8,900
OTHER														
Combined [5]	8,054	7,521	2,900	5,704	5,700	5,025	3,190	2,050	2,050	2,050	2,479	2,500	2,500	3,000
GRAND TOTAL	**262,754**	**281,560**	**259,686**	**277,407**	**272,479**	**249,919**	**257,615**	**251,848**	**237,819**	**216,204**	**221,952**	**142,094**	**180,172**	**168,600**
POTENTIAL PRODUCTION IN METRIC TONS														
OPIUM														
SOUTH-WEST ASIA														
Afghanistan	1,570	1,980	1,970	2,330	3,416	2,335	2,248	2,804	2,693	4,565	3,276	185	3,400	3,600
Pakistan	150	160	181	161	128	112	24	24	26	9	8	5	5	52
Subtotal	1,720	2,140	2,151	2,491	3,544	2,447	2,272	2,828	2,719	4,574	3,284	190	3,405	3,652
SOUTH-EAST ASIA														
Lao PDR	202	196	127	169	120	128	140	147	124	124	167	134	112	120
Myanmar	1,621	1,728	1,660	1,791	1,583	1,664	1,760	1,676	1,303	895	1,087	1,097	828	810
Thailand [2]	20	23	14	17	3	2	5	4	8	8	6	6	9	
Viet Nam [2]	90	85	61	21	15	9	9	2	2	2				
Subtotal	1,933	2,032	1,862	1,998	1,721	1,803	1,914	1,829	1,437	1,029	1,260	1,237	949	930
LATIN AMERICA														
Colombia [3]		16	90	68	205	71	67	90	100	88	88	58	50	50
Mexico	62	41	40	49	60	53	54	46	60	43	21	71	47	84
Subtotal	62	57	130	117	265	124	121	136	160	131	109	129	97	134
OTHER														
Combined [5]	45	45	-	4	90	78	48	30	30	30	38	40	40	50
GRAND TOTAL	**3,760**	**4,274**	**4,143**	**4,610**	**5,620**	**4,452**	**4,355**	**4,823**	**4,346**	**5,764**	**4,691**	**1,596**	**4,491**	**4,765**
HEROIN														
Potential HEROIN	**376**	**427**	**414**	**461**	**562**	**445**	**436**	**482**	**435**	**576**	**469**	**160**	**449**	**477**

(1) Potentially harvestable, after eradication.
(2) Due to low levels of production, cultivation and production for Viet Nam as of 2000 and for Thailand as of 2003 were included in the category "Other countries".
(3) According to the Government of Colombia, cultivation covered 7,350 ha and 6,500 ha and production amounted to 73 mt and 65 mt in 1998 and 1999 respectively.
(4) Sources: As its survey system is under development, the Govt of Mexico indicates it can neither provide cultivation estimates nor endorse those published by UNODC which are derived from US Government surveys.
(5) Includes countries such as Russia, Ukraine, Central Asia, Caucasus region, Egypt, Peru, Viet Nam (as of 2000) and Thailand (as of 2003)

3.1.1. Afghanistan

During the 1990s, Afghanistan firmly established itself as the largest source of illicit opium and its derivative, heroin. In 2003, opium production in Afghanistan still accounted for more than three quarters of the world's illicit opium production. In October 2003, UNODC and the Afghan government conducted a farmers' intentions survey that revealed that almost 70% of the farmers interviewed in the opium growing regions of Afghanistan intended to increase poppy cultivation in 2004, while only 4% considered reducing it.

Results of the 2003 UNODC Afghanistan Annual Opium Survey

(1) Opium poppy cultivation (hectares) is spreading

In 2003 the total area under opium poppy cultivation in Afghanistan increased by 8%, from 74,000 hectares in 2002 to 80,000 hectares in 2003. The current level ranks third in the country's recent history.

(2) Geographical spread has reached 28 provinces (out of 32)

There has been a clear and accelerating extension of opium cultivation to previously unaffected, or marginally affected areas. The number of provinces where opium poppy cultivation was reported has steadily increased: from 18 provinces in 1999, to 23 in 2000, up to 24 in 2002 and to a staggering 28 provinces in 2003 (out of a total of 32).

(3) Opium production (metric tons) is also increasing

Potential opium production amounted to 3,600 tons in 2003, an increase of 6% compared to last year's 3,400 tons. The 2003 harvest is the second highest recorded so far in Afghanistan.

(4) Opium prices are declining, though still high

Although about ten times higher than during the 1990s, when it was around US$ 30 per kg, the average price of fresh opium recorded in 2003 of US$ 283 per kg, represents a 19% decrease over last year's price of US$ 350. The decline of 2003 opium prices in Afghanistan resulted in a 15% reduction in the related income to farmers compared to last year. As of February 2004, the price continued to decrease to an average US$176/kg for dry opium.

(5) 264,000 families now grow opium poppy

The number of opium farmers was estimated at about 264,000 families, cultivating an average of 0.3 hectare of opium poppy per family. Considering that the average family consists of 6-7 people, it can be estimated that opium poppy cultivation plays a direct role in the livelihood of about 1.7 million rural people, or about 7% of the total population of Afghanistan.

(6) Country's opium income is down 15%

Despite the higher output, the aggregate value of this year's Afghan opium harvest (at farm-gate prices) declined to US$ 1.02 billion, compared to US$ 1.2 billion in 2002 (-15%). Almost 80% of farmers income was generated in the traditional opium producing areas of the Eastern and Southern regions.

(7) Per capita income from opium is several times GDP per capita

The 2003 harvest represents, on average, a potential income of about US$ 3,900 per opium-growing family. The potential opium income per capita for the 1.7 million people averaged US$ 594. In comparison, on the basis of a population estimated at 24 million and a GDP estimated at US$ 4.4 billion, Afghanistan had a GDP per capita of about US$ 184 in 2002.

(8) Eradication

Eradication activities were conducted by the Afghan authorities in some provinces. In total, 21,430 ha were eradicated in this campaign. The Afghanistan opium survey did not assessed the effectiveness of the eradication campaign. The timing of the survey and the methodology employed ensured that the results were post-eradication and reflected the net amount of opium poppy which was harvestable.

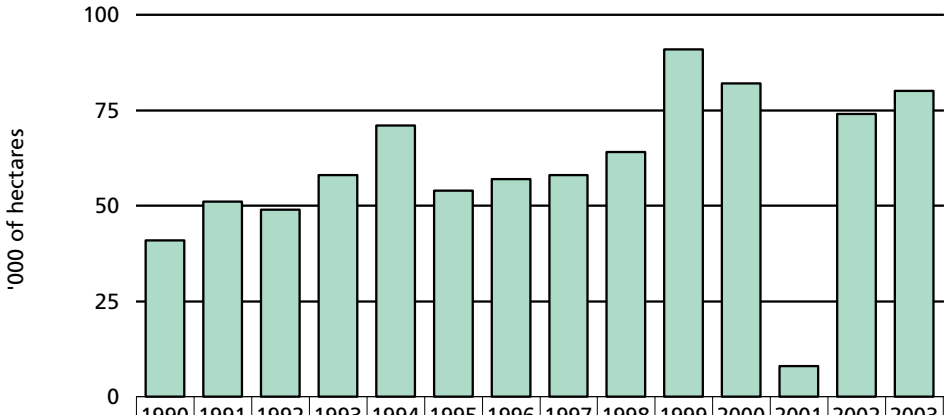
Fact Sheet : Afghanistan 2003

Source: UNODC/CND survey report, available at www.unodc.org/unodc/en/crop_monitoring

Opium poppy cultivation:	80,000 ha against 74,000 ha in 2002 (8% increase)
2002-2003 trends in some provinces:	Hilmand: - 49% Kandahar: - 23% Nangarhar: - 4% Badakhshan: + 55%
Potential opium production:	3,600 metric tons against 3,400 metric tons in 2002 (6% increase)
Number of farmers cultivating opium:	264,000 farmers
Population of farmers cultivating opium: millions)	1,700,000 rural people (7% of total population of 24
Opium poppy cultivation in % of the total Arable land:	1% of total arable land
Opium poppy cultivation in % of irrigated Land:	3% of irrigated land
Average poppy farmers land devoted to opium opium poppy cultivation: 0.3 ha	
Average fresh opium price at harvest:	US$283/kg
Total farmers' income from opium:	US$1 billion
In % of 2002 Afghan GDP:	23% (with a GDP of US$ 4.4 billion)
Average annual farmer income from opium:	US$ 3,900
Average opium income per capita:	US$594 (2002 GDP per capita: US$184)
Reported eradication:	21,430 ha
As of October 2003, % of farmers who intended to increase opium poppy cultivation in 2004:	70%

Graphs, tables, maps: Afghanistan

Afghanistan, Opium Poppy Cultivation, in thousands of ha, 1990 to 2003



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
'000 of hectares	41	51	49	58	71	54	57	58	64	91	82	8	74	80

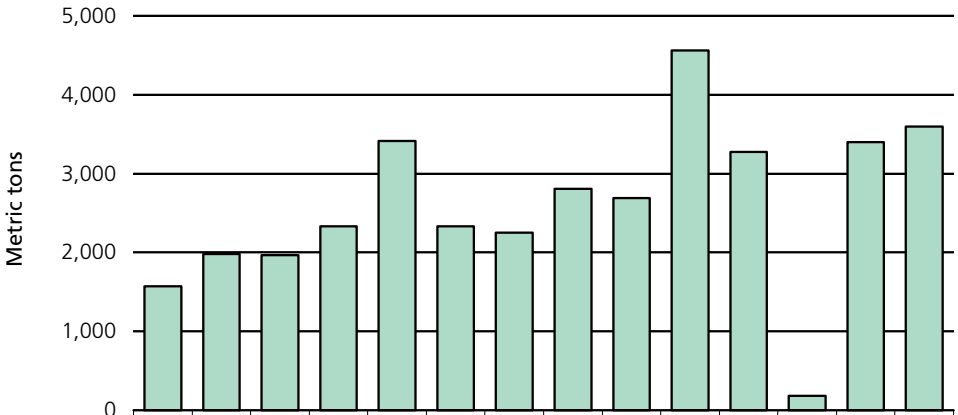
Afghanistan, largest opium poppy cultivating provinces in 2003 (ha)

Provinces	2002	2003	one year change	% of total in 2003	Cumulative % in 2003
Nangarhar	19,780	18,904	-4%	23%	23%
Hilmand	29,950	15,371	-49%	19%	43%
Badakhshan	8,250	12,756	55%	16%	58%
Uruzgan	5,100	7,143	40%	9%	67%
Ghor	2,200	3,782	72%	5%	72%
Kandahar	3,970	3,055	-23%	4%	76%
Rest of the country	4,850	19,471	301%	24%	100%
Rounded Total	**74,000**	**80,000**	**8%**		

Afghanistan, potential opium production by region and at national level in 2003

Region	Yield irrigated (kg/ha)	Yield rainfed (kg/ha)	Cult. irrigated (ha)	Cult. rainfed (ha)	Prod. irrigated (tons)	Prod. rainfed (tons)	Prod. total (tons)
Center (Bamyan, Ghor, Kabul, Kapisa, Wardak)	46	28	7,605	85	350	2	352
North East (Badakhshan, Baghlan, Kunduz, Takhar)	41	24	12,559	1,224	515	29	544
North West (Baghis, Balkh, Faryab, Jawzjan, Samangan, Sari Pul)	43	34	3,618	842	156	29	184
South East (Khost, Kunar, Laghman, Nangarhar, Nuristan, Paktya)	51	32	24,103	478	1,229	15	1,245
South West (Farah, Hilmand, Hirat, Kandahar, Nimroz, Uruzgan, Zabul)	43	18	29,815	156	1,282	3	1,285
Rounded total			**77,700**	**2,780**	**3,530**	**80**	**3,600**
Average Weighted Yield	**45**	**29**					**45**

Afghanistan, Opium production,1990 to 2003

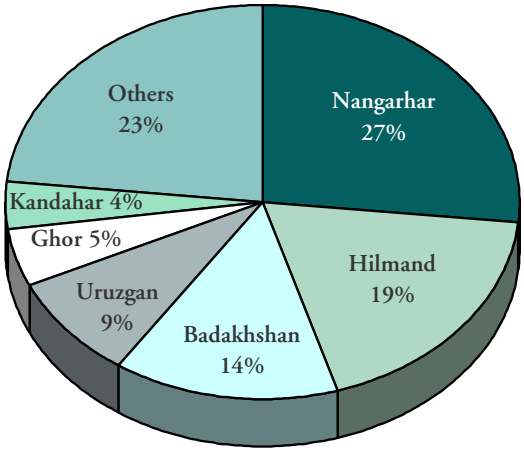


	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Metric tons	1,570	1,980	1,970	2,330	3,416	2,335	2,248	2,804	2,693	4,565	3,276	185	3,400	3,600

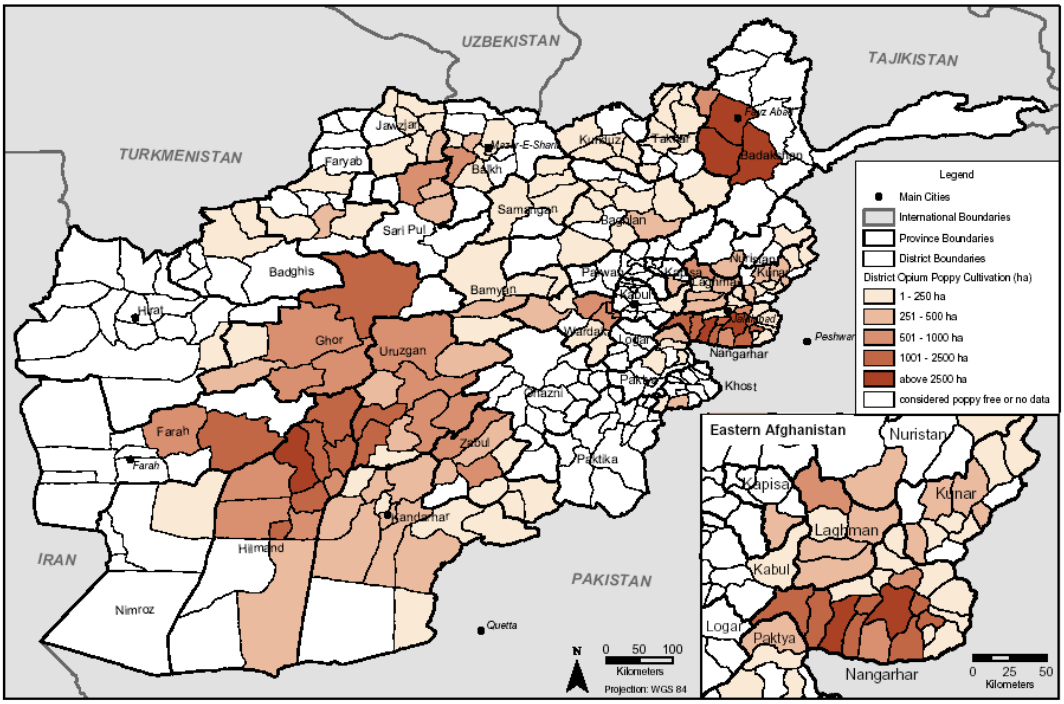
Afghanistan, largest opium producing provinces in 2003

Provinces	Opium production in tons	% of total
Nangarhar	964	27%
Hilmand	676	19%
Badakhshan	508	14%
Uruzgan	314	9%
Ghor	174	5%
Kandahar	134	4%
Others	849	23%
Rounded Total	**3,600**	100%

Afghanistan, largest opium producing provinces in 2003

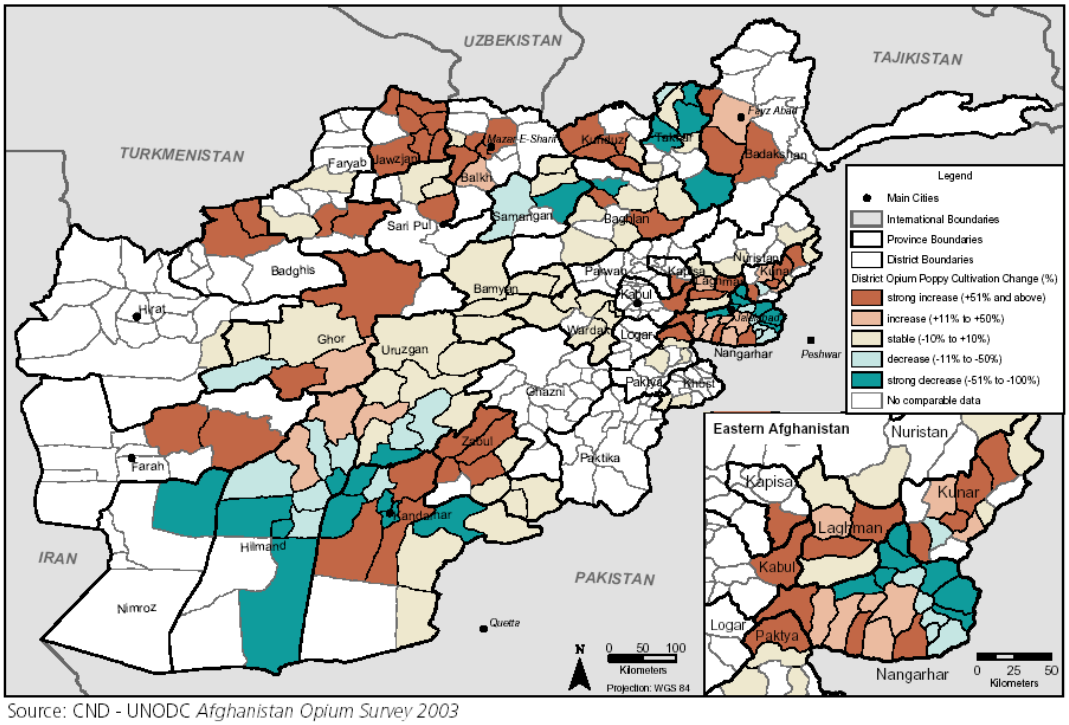


Afghanistan, opium poppy cultivation 2003



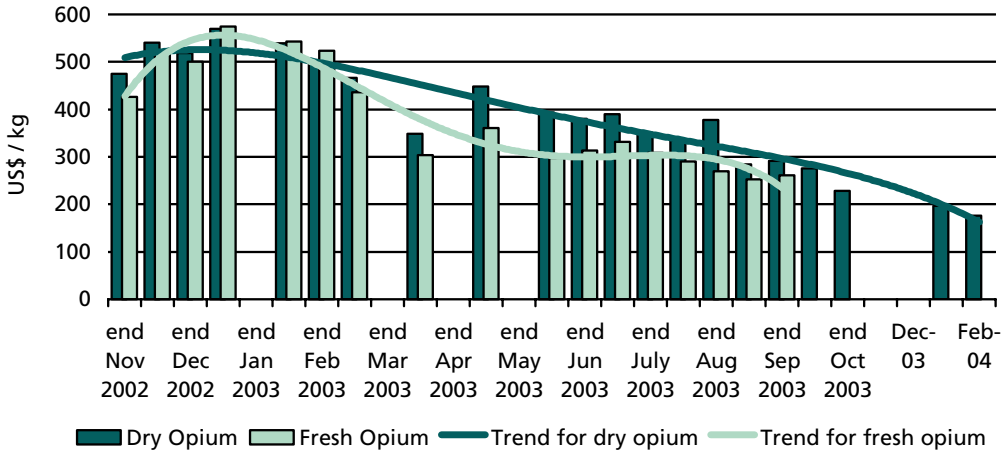
Source: CND - UNODC *Afghanistan Opium Survey 2003*

Afghanistan, opium poppy cultivation changes 2002 - 2003



Source: CND - UNODC *Afghanistan Opium Survey 2003*

Afghanistan, farmgate prices for opium, US$/kg (all observations Nov. 2002 - Mid. Oct 2003)



Source: UNODC (ICMP-AFG/F98 Monitoring of opium production in Afghanistan)

Afghanistan, opium farmgate prices in 2003 ($US/kg)

Period	Dry opium	n	Fresh opium	n
End Nov 2002	475	28	426	51
Mid Dec 2002	540	47	521	47
End Dec 2002	519	40	500	46
Mid Jan 2003	570	47	575	29
End Jan 2003				
Mid Feb 2003	540	48	543	31
End Feb 2003	498	47	524	29
Mid Mar 2003	466	44	436	33
End Mar 2003				
Mid Apr 2003	348	42	304	31
End Apr 2003				
Mid May 2003	448	40	361	41
End May 2003				
Mid Jun 2003	393	32	297	32
End Jun 2003	380	37	313	39
Mid July 2003	390	37	332	39
End July 2003	351	35	308	37
Mid Aug 2003	334	37	290	39
End Aug 2003	378	37	270	39
Mid Sep 2003	285	35	253	37
End Sep 2003	291	35	261	37
Mid Oct 2003	276	33		
End Oct 2003	228	33		
Nov 2003				
Dec 2003				
Jan 2004	197	26		
Feb 2004	176	20		

Notes: n = number of observations, empty cells = no data collection during the period considered. All transactions in the three provinces are reported by surveyors to be made in Pakistani Rupees. The prices were converted in US$, using the exchange rate prevailing on the day each observation was made.

Afghanistan: Prices of dry opium obtained from traders in Nangarhar and Kandahar in US-$ per kg

1997			
Date	Nangarhar	Kandarhar	Simple Average
Jan-97			
Feb-97			
Mar-97	93		63
Apr-97	102		68
May-97	108		71
Jun-97	114		74
Jul-97	91		62
Aug-97	97	34	65
Sep-97	97	33	65
Oct-97	86	33	60
Nov-97	83	30	57
Dec-97	66	34	50

1998			
Date	Nangarhar	Kandarhar	Simple Average
Jan-98	67	46	57
Feb-98	76	53	65
Mar-98	95	41	68
Apr-98	70	38	54
May-98	65	38	52
Jun-98	83	44	64
Jul-98	54	49	51
Aug-98	55	67	61
Sep-98	63	54	59
Oct-98	78	59	69
Nov-98	96	54	75
Dec-98	101	56	79

1999			
Date	Nangarhar	Kandarhar	Simple Average
Jan-99	116	59	87
Feb-99	100	60	80
Mar-99	100	50	75
Apr-99	80	45	62
May-99	91	43	67
Jun-99	86	41	63
Jul-99	82	37	59
Aug-99	62	39	51
Sep-99	61	36	49
Oct-99	40	33	37
Nov-99	38	31	34
Dec-99	39	32	35

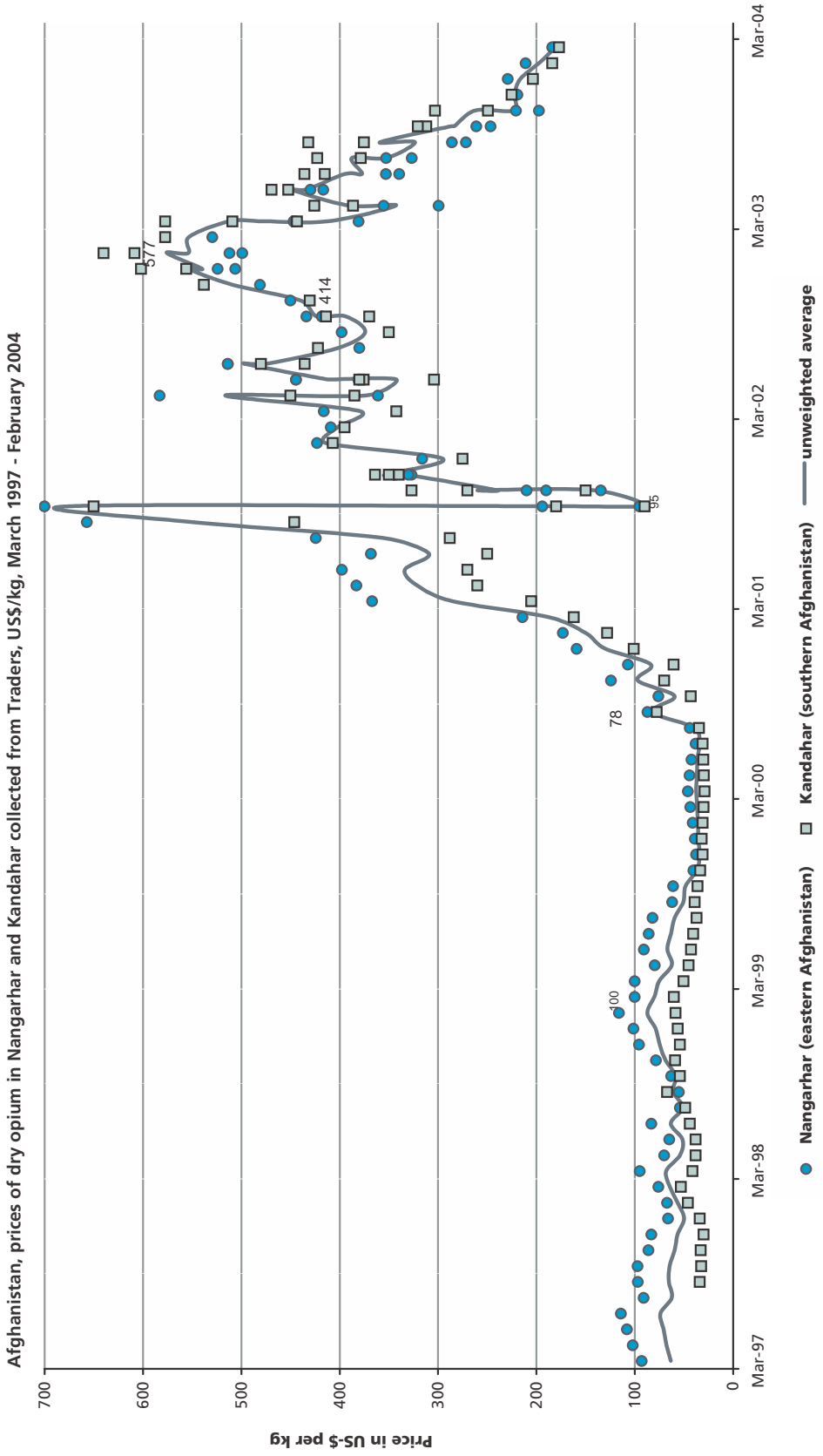
2000			
Date	Nangarhar	Kandarhar	Simple Average
Jan-00	41	31	36
Feb-00	43	30	37
Mar-00	46	29	38
Apr-00	44	30	37
May-00	42	30	36
Jun-00	38	31	35
Jul-00	44	35	39
Aug-00	87	78	82
Sep-00	76	43	60
Oct-00	124	70	97
Nov-00	107	61	84
Dec-00	159	101	130

2001			
Date	Nangarhar	Kandarhar	Simple Average
Jan-01	173	128	150
Feb-01	214	162	188
Mar-01	367	205	286
Apr-01	383	260	322
May-01	398	270	334
Jun-01	368	250	309
Jul-01	424	288	356
Aug-01	657	446	551
10-Sep-01	700	650	675
15-Sep-01	194	180	187
24-Sep-01	95	90	93
10-Oct-01	134	150	142
15-Oct-01	190	327	
28-Oct-01	210	270	
01-Nov-01	327	340	
05-Nov-01	330	350	
19-Nov-01	343	364	
15-Dec-01	316	275	

2002			
Date	Nangarhar	Kandarhar	Simple Average
15-Jan-02	423	407	415
15-Feb-02	409	395	402
15-Mar-02	416	343	379
14-Apr-02	583	450	517
25-Apr-02	361	385	373
07-May-02	381	304	343
15-May-02	444	376	410
20-May-02	444	380	412
09-Jun-02	514	480	497
15-Jun-02	514	436	475
15-Jul-02	380	422	401
15-Aug-02	398	350	374
09-Sep-02	418	370	394
23-Sep-02	434	414	424
01-Oct-02	450	430	440
end Nov-02	481	538	510
mid Dec-02	506	602	554
end Dec-02	524	556	540

2003			
Date	Nangarhar	Kandarhar	Simple Average
Mid Jan-03	512	640	576
End Jan-03	499	609	554
Mid Feb-03	529	577	553
End Feb-03	447	577	512
Mid Mar-03	445	509	477
End Mar-03	381	444	412
Mid Apr-03	299	386	343
End Apr-03	355	426	390
Mid May-03	430	469	449
End May-03	416	452	434
Mid Jun-03	353	436	394
End Jun-03	339	415	377
Mid Jul-03	353	423	388
End Jul-03	327	379	353
Mid Aug-03	272	375	323
End Aug-03	286	432	359
Mid Sep-03	261	312	286
End Sep-03	247	321	284
Mid Oct-03	221	303	262
End Oct-03	197	249	223
Nov-03	219	225	222
Dec-03	229	203	216

2004			
Date	Nangarhar	Kandarhar	Simple Average
Jan-04	211	184	197
Feb 04	184	177	180


Afghanistan, prices of dry opium in Nangarhar and Kandahar collected from Traders, US$/kg, March 1997 - February 2004
Price in US-$ per kg
0
100
200
300
400
500
600
700
Mar-97
Mar-98
Mar-99
Mar-00
Mar-01
Mar-02
Mar-03
Mar-04
577
414
95
78
100
Nangarhar (eastern Afghanistan)
Kandahar (southern Afghanistan)
unweighted average

Afghanistan, eradication report from CND, in ha, 2003

Provincial Report	Hectares
Nangarhar	7,376
Kabul	43
Parwan	80
Helmand	8,500
Kandahar	2,719
Uruzgan	1,510
Zabul	1
Wardak (Maind Shaher)	9
Heart	932
Nimroz	260
Badghis	-
Ghor	-
Farah	-
Country Total	**21,430**

3.1.2. Myanmar

In Myanmar, the problem of opium and heroin has deep historical roots that reach back to the 19th century. The second source of illicit opium and heroin in the world after Afghanistan during the last decade, the country has recorded an encouraging decline of illicit opium cultivation since the mid-1990s.

Results of the 2003 UNODC Myanmar Annual Opium Survey

(1) Opium poppy cultivation

The total opium poppy cultivation in Myanmar in 2003 was estimated at 62,200 ha. Compared to the previous year, this represented a decrease of 24% in opium poppy cultivation at the national level.

(2) Opium production

At the country level, the potential opium production was estimated at 810 metric tons. This represented a decrease of 4 % compared to last year. This year favourable weather conditions for opium poppy cultivation accounted for the higher potential yield of about 13 kg/ha.

(3) Opium Prices and Cash Income

Combining the opium production estimates and the anticipated 2003 opium prices at the time of the survey (130 US$/kg), the total farm gate value of opium in Myanmar in 2003 ranged from US$70 to US$ 140 million, with a mean value of US$105 million.

(4) Addiction

The data collected in 2003 showed that 0.65% of the population surveyed, age 15 and above, was smoking opium on a daily basis. The data also indicated that opium addiction is still far more widespread than heroin and ATS addiction in the Shan State. Less than 2% of village headmen reported cases of heroin addiction in their villages and less than 1% reported cases of ATS addiction.

(5) Eradication

The Government of the Union of Myanmar reported eradicating 638 ha of opium poppy fields in 2003. The opium survey was not designed to monitor or validate the results of opium poppy eradication campaign. The methodology employed ensured that the results were post-eradication and reflected the net amount of opium poppy which was harvestable.

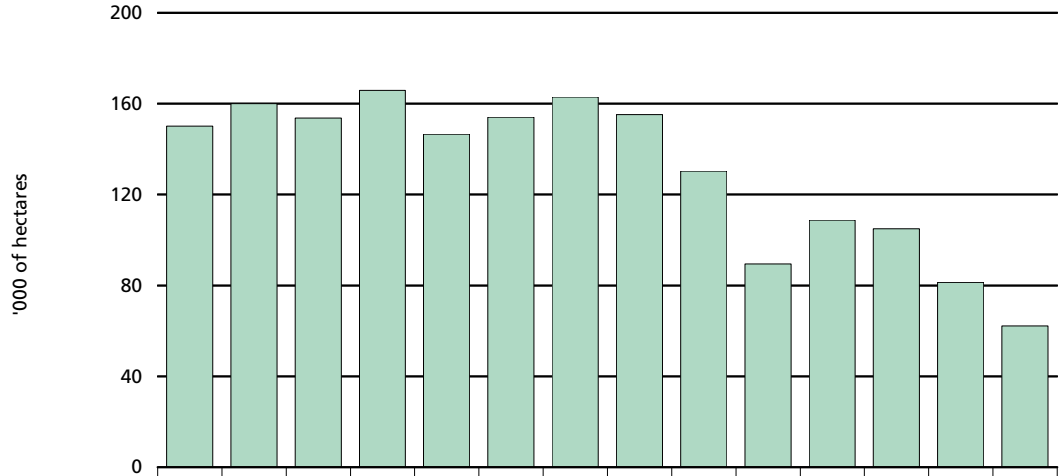
Fact Sheet : Myanmar 2003

Source: UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

Opium poppy cultivation:	62,200 ha against 81,400 ha in 2002 (24% decrease)
2002-2003 trends in some areas:	Northern Shan State: - 45% Eastern Shan State: - 26% South Shan State: - 19% Wa Special Region 2: + 21% *(of which Wa Alternative Dvpt project:-19%)*
Potential opium yield:	13 kg/ha against 10 kg/ha in 2002
Potential opium production:	810 metric tons against 828 metric tons in 2002 (2% decrease)
Number of households cultivating opium:	350,000 households
Approximate fresh opium price at harvest:	US$130/kg
Total farm gate value of opium:	US$105 million
Average household cash income from opium:	between US$160 and US$190
Average opium income per capita:	US$594 (2002 GDP per capita: US$184)
Opium smoking prevalence rate in the population interviewed:	0.6% of the population aged 15 and above
Reported eradication	637 ha

Graphs, tables, maps: Myanmar

Myanmar, opium poppy cultivation 1990 – 2003 (in thousand of ha)



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
'000 of hectares	150	160	154	166	147	154	163	155	130	90	109	105	81	62

Myanmar, opium poppy cultivation in 2002 and 2003

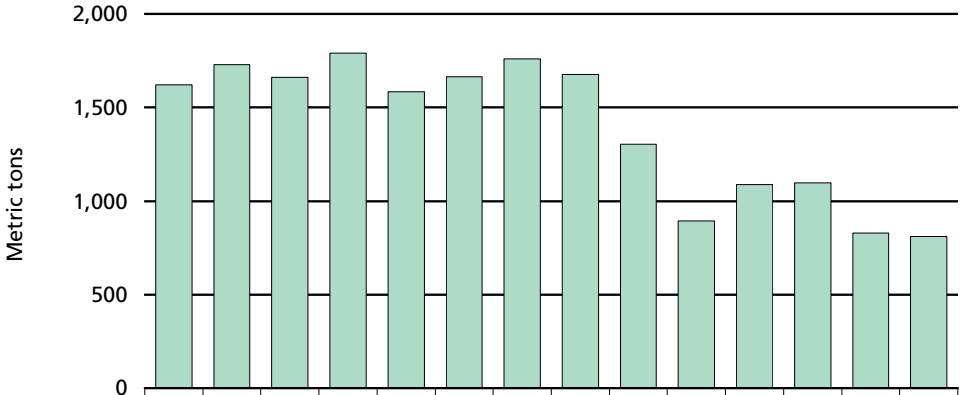
Regions	2002 (rounded ha)	2003 (rounded ha)	% of change 2002-2003
Northern Shan State	37,500	20,700	-45%
Eastern Shan State	7,800	5,800	-26%
Southern Shan State	11,600	9,400	-19%
Wa Special Region Number 2	17,600	21,300	21%
(of which Wa Alt Dvpt Project)	962	775	-19%
Shan State	74,600	57,200	-23%
Outside Shan State	6,800	5,000	-26%
National total	**81,400**	**62,200**	**-24%**

Myanmar, average regional yields (kg/ha)

Regions	Number of observations	Average opium yield (kg/ha)
Northern Shan State	0	11*
Wa Special Region 2	268	16
WADP (Mongyang Township)	230	11
Central Shan State	60	11
Southeastern Shan State	56	8
Southwestern Shan State	58	14
Shan Sate	**672**	**13**

* Average opium yield of neighbouring Central Shan State used as best estimate

Myanmar opium production 1990 – 2003 (in metric tons)

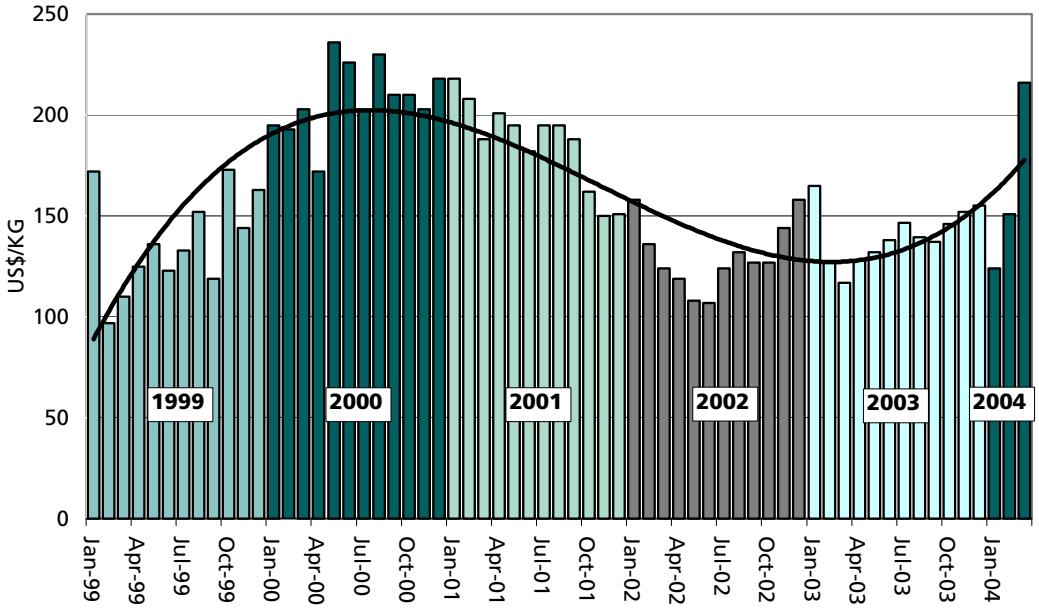


	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Metric tons	1,621	1,728	1,660	1,791	1,583	1,664	1,760	1,676	1,303	895	1,087	1,097	828	810

Myanmar, opium farmgate prices in Mong Pawk market, US$/kg (Wa Special Region 2)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1999	172	97	110	125	136	123	133	152	119	173	144	163
2000	195	193	203	172	236	226	202	230	210	210	203	218
2001	218	208	188	201	195	182	182	195	195	188	162	150
2002	151	158	136	124	119	108	107	124	132	127	127	144
2003	158	165	127	117	128	132	138	147	139	137	146	152
2004	155	151	216									

Myanmar, opium farmgate prices in Mong Pawk market, US$/kg (Wa Special Region 2)



Myanmar, Shan State, 2002 opium prices by sale periods

Period	Equivalent months range	Answers	Average weight of opium sold (kg)	Kyat/kg	USD/kg	Exchange rate (Kyat/US$)
Before harvest	Before Jan. 02	160	0.64	102,000	135	753
During harvest	Jan-Mar 2002	729	0.88	108,000	143	753
Just after harvest	Apr-May 2002	1,478	1.29	106,000	107	855
Rainy Season	Jun-Sep 2002	353	0.96	104,000	106	985
Dry Season	Oct-Dec 2002	272	1.04	120,000	110	1,090
For 2002		**2,992**		**107,00**	**115**	**931**

*Average weighted by number of answers and average weight of opium sold for each period.

Myanmar, Shan State annual source of cash income for opium farmers in 2002

Source of Cash Income	Annual cash income (in Kyat)	% of total income	Number of answers	Annual income (US$)
Opium	148,000	69%	2,010	159
Cattle	22,000	10%	669	23
Other	13,000	6%	341	15
Upland	11,000	5%	388	12
Paddy	7,000	3%	247	8
Labour	7,000	3%	388	8
Vegetable	3,000	1%	265	3
Maize	3,000	1%	162	3
Total	**216,000**			**232**

Sample size: 2,426 interviews of opium farmers

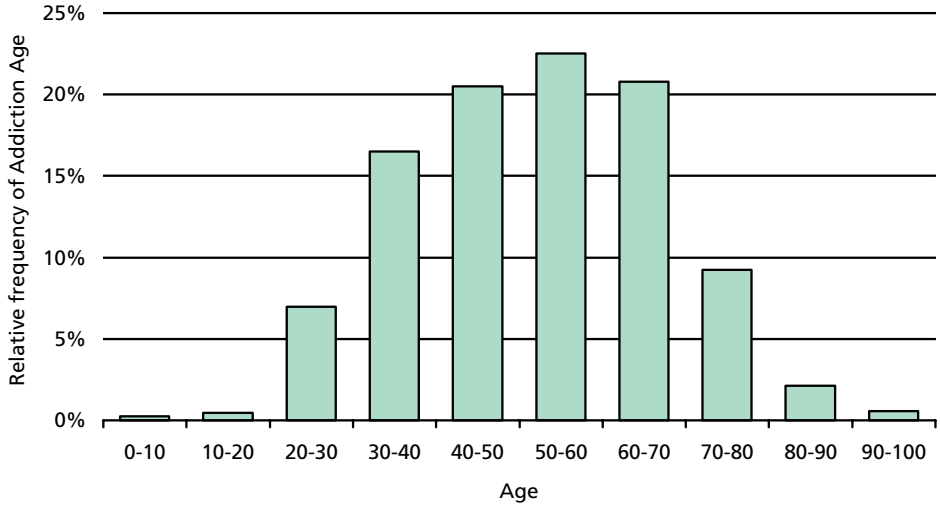
Myanmar, Shan State opium addiction in the Shan State by regions in 2003

Regions	Number of villages sampled	Total population above 15 years old	Number of addicts	% of opium addicts in population age 15 and above
Northern Shan	373	73,041	263	0.4%
Wa Special Region 2	269	50,863	385	0.8%
Southwestern Shan	248	35,257	216	0.6%
Central Shan	361	53,753	94	0.2%
Southeastern Shan	310	33,124	593	1.8%
Shan State	**1,561**	**246,038**	**1,551**	**0.6%**

Myanmar, Shan State, demographic distribution of opium addicts by gender and age in 2003

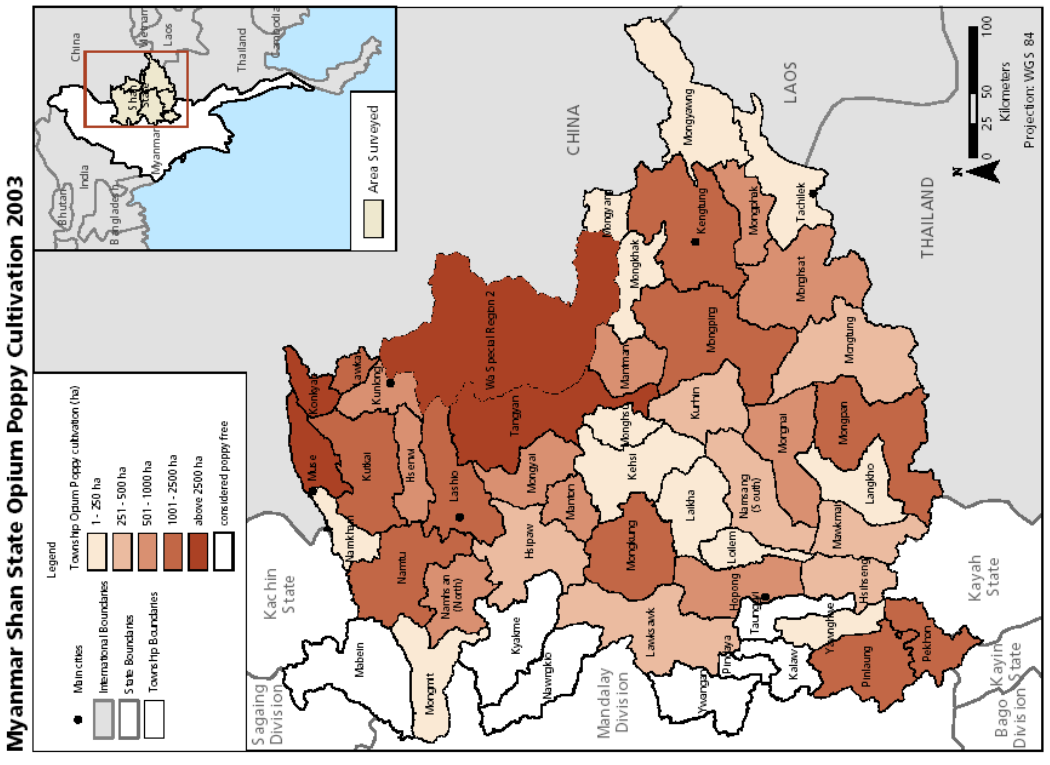
Age class	Man	Woman	Total	% of Total
<10	2	2	4	0.3%
10-20	4	3	7	0.5%
20-30	93	15	108	7.0%
30-40	231	24	255	16.5%
40-50	293	24	317	20.5%
50-60	325	23	348	22.5%
60-70	291	30	321	20.8%
70-80	129	14	143	9.3%
80-90	26	7	33	2.2%
90-100	7	2	9	0.6%
Total	**1,401**	**144**	**1,545**	

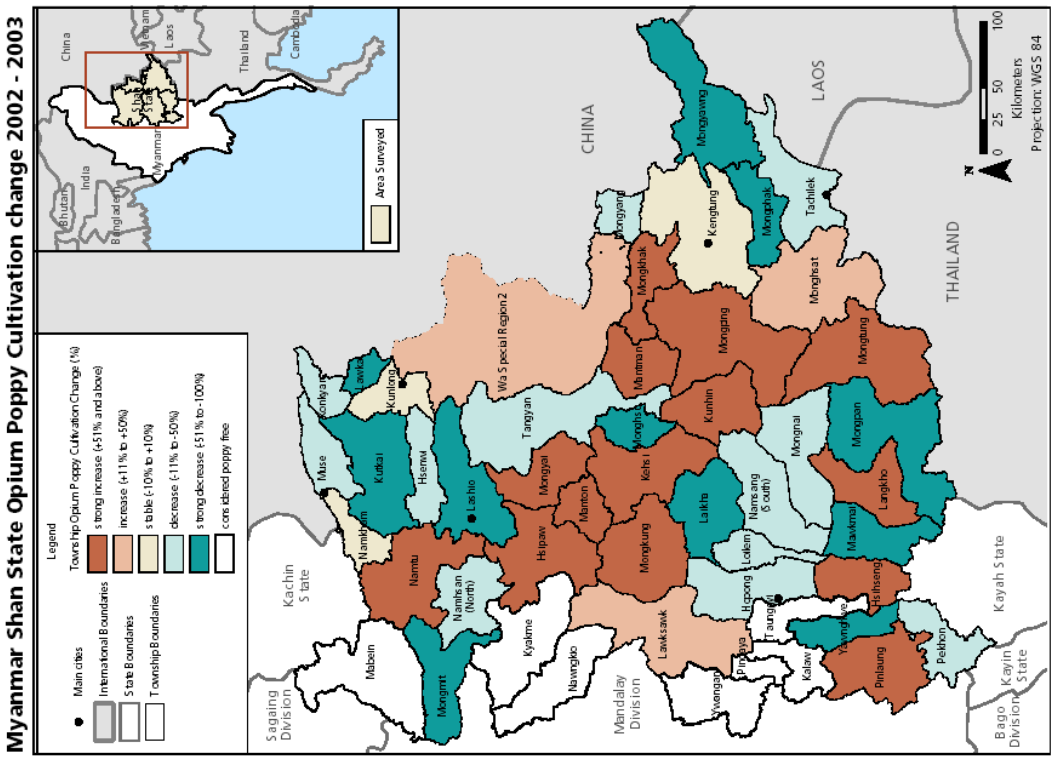
Myanmar, Shan State, demographic distribution of opium addicts by age in 2003



Myanmar, reported eradication by region and state in 2003

State	Eradication (ha)
Northern Shan State	235
Southern Shan State	182
Eastern Shan State	91
WADP	55
Kachin State	56
Chin State	2
Kayah State	9
Mandalay Division	8
Total	**638**


Myanmar Shan State Opium Poppy Cultivation 2003
Legend
Main cities
International Boundaries
State Boundaries
Township Boundaries
Township Opium Poppy cultivation (ha)
1 - 250 ha
251 - 500 ha
501 - 1000 ha
1001 - 2500 ha
above 2500 ha
considered poppy free
Area Surveyed
Kachin State
Sagaing Division
Mandalay Division
Kayah State
Bago Division
CHINA
LAOS
THAILAND
Kilometers
Projection: WGS 84
Source: CCDAC-UNODC Myanmar Opium survey 2003


Myanmar Shan State Opium Poppy Cultivation change 2002 - 2003
Legend
Main cities
International Boundaries
State Boundaries
Township Boundaries
Township Opium Poppy Cultivation Change (%)
strong increase (+51% and above)
increase (+11% to +50%)
stable (-10% to +10%)
decrease (-11% to -50%)
strong decrease (-51% to -100%)
considered poppy free
Area Surveyed
Kachin State
Sagaing Division
Mandalay Division
Kayah State
Bago Division
CHINA
LAOS
THAILAND
Kilometers
Projection: WGS 84
Source: CCDAC-UNODC Myanmar Opium survey 2003

3.1.3. Lao PDR

Although far behind Afghanistan and Myanmar, the remote and mountainous areas of Northern Laos have consistently come in third place as a source of the world's illicit opium and heroin during the last ten years. Since 1998, however, opium poppy cultivation has recorded a steady decline in that country.

Results of the 2003 UNODC Lao PDR Annual Opium Survey

(1) Opium poppy cultivation

The survey estimated that there were 12,000 hectares of opium poppy under cultivation in 2003. It was the lowest national estimate since 1989 and represented a reduction of 2,100 hectares (or 15%) compared with the 2001-2002 season (14,100 ha). It confirmed the downward trend of opium poppy cultivation in Laos since 1998 when the cultivation of opium poppy reached 26,800 hectares.

(2) Opium production

In 2003, the average potential opium yield was estimated to range between 6 and 14 kg/ha, with a mean value of 10 kg/ha. In 2002, the potential yield was estimated at 8 kg/ha. This potential yield may differ from the actual harvest, and does not include possible post-harvest losses.

Based on the estimated 12,000 ha of opium poppy cultivation and an average yield of 6 to 14 kg/ha, the potential production of opium in Laos would range between 72 and 168 metric tons, with a mean value of 120 metric tons. In terms of potential opium production, this represented an increase of 7% compared to last year.

(3) Number of farmers involved in opium poppy cultivation

Based on an average of 0.29 ha of opium poppy cultivation by household (results of the sample ground survey), there would be between 35,000 and 45,000 households cultivating opium poppy in Laos in 2003 (mean of 40,000).

(4) Voluntary eradication

For the first time this year, the Lao Government launched a large-scale campaign of voluntary or agreed eradication. The opium survey was not designed to monitor or validate the results of this campaign. However, the Lao Commission on Drug Control and Abuse (LCDC) reported the eradication of 4,134 ha. The opium survey was not designed to monitor or validate the results of opium poppy eradication campaign. The methodology employed ensured that the results were post-eradication and reflected the net amount of opium poppy which was harvestable.

Prior to the opium planting time, the provincial and district drug control committees made agreements with a number of opium farmers to stop growing opium poppy in 2003. The validity of the agreement was checked during the opium growing season. When opium poppy cultivation was found within the village boundaries and considered a breech of the agreement, the farmers were asked by the authorities to eradicate their opium poppy fields (voluntary eradication), or the farmers to give permission for the opium fields to be eradicated (agreed eradication).

The eradication teams were made of students and staff from the district mass organisations like the Youth Union, the Women Union or other district departments. The military and the police were not involved in these operations.

If the farmers refused the eradication, the assistance of the village headman was requested to convince the farmers to respect the agreement and not to plant opium poppy in the future. The data on eradication, as reported by the Lao Government, is presented in annex.

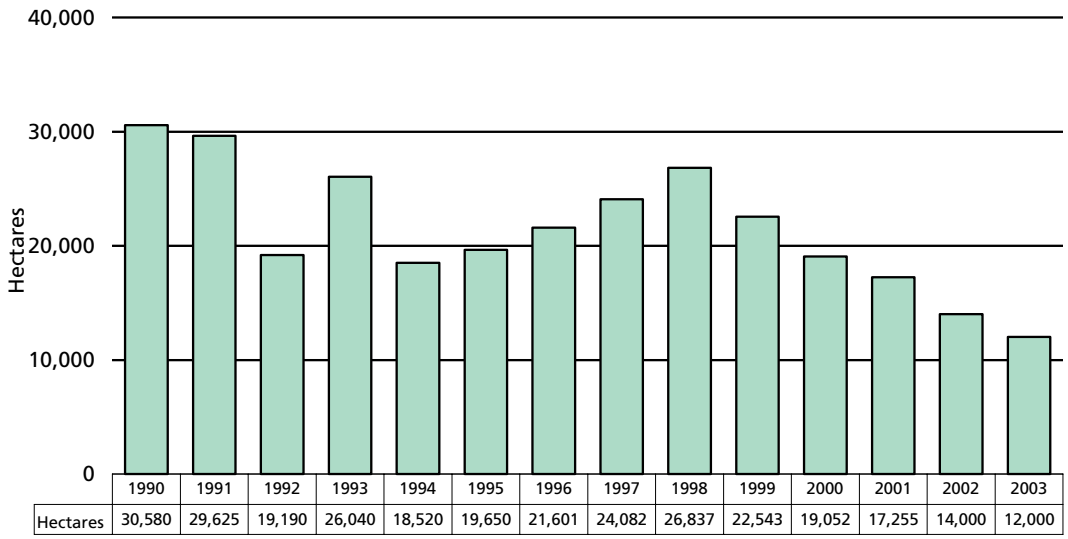
Fact Sheet : Lao PDR 2003

Source: UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

Opium poppy cultivation:	12,000 ha against 14,100 ha in 2002 (15% decrease)
Potential opium yield:	10 kg/ha against 8 kg/ha in 2002
Potential opium production:	120 metric tons against 112 metric tons in 2002 (7% increase)
Number of households cultivating opium:	40,000 households
Most recent opium prices available (average for 2002):	US$160
Average household cash income from opium In 2002:	US$92
Number of addicts reported by the authorities:	30,000 persons (5,600 women or 18%, and 9,700 over 60 years old or 32%)
Average annual domestic consumption of opium :	between 1.3 and 1.5 kg/year
Estimated annual domestic consumption of opium:	42 metric tons
Reported eradication	4,134 ha.

Graphs, tables, maps: Lao PDR

Lao PDR, opium poppy cultivation 1990-2003 (in ha)



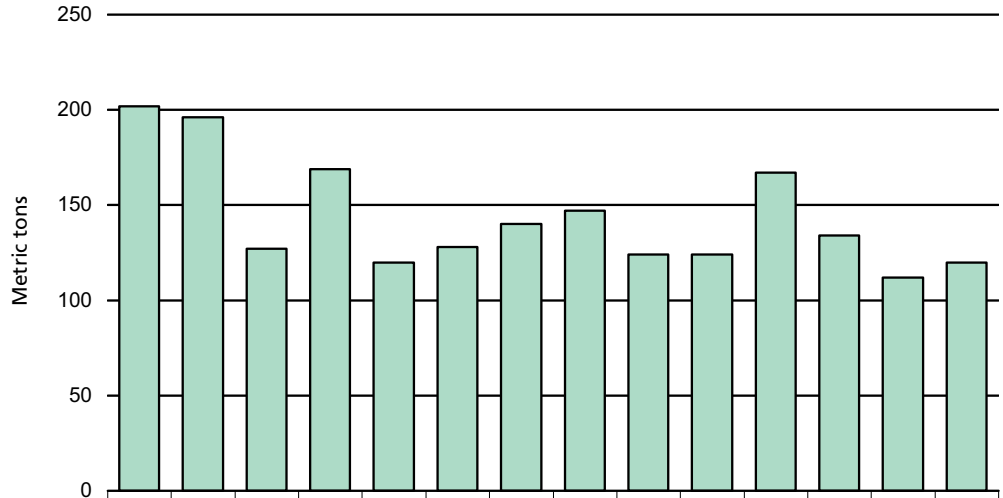
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hectares	30,580	29,625	19,190	26,040	18,520	19,650	21,601	24,082	26,837	22,543	19,052	17,255	14,000	12,000

Lao PDR, evolution of the area under opium poppy cultivation by province, 1992-2003

	1992	1996	1998	2000	2001	2002	2003
Luang Prabang	3,510	3,550	2,786	3,036	2,950	3,400	2,576
Huapanh	3,770	3,817	3,450	3,921	2,903	2,934	2,530
Phongsaly	2,840	3,558	5,778	3,872	3,278	1,703	1,602
UdomXay	1,860	2,416	5,597	4,061	3,112	1,901	1,579
Luang Namtha	1,730	2,197	3,593	1,514	1,687	1,355	1197
Xieng Khuang	2,880	2,916	2,902	1,376	1,426	1,078	979
Bokeo	620	785	428	448	427	332	480
Xayabouri	400	754	1,014	508	729	857	472
Xaisombun	N/a	n/a	n/a	224	521**	240	354
Vientiane	880*	900*	672*	19	117**	210	130
Bolikhamsay	700	708	617	73	105	42	74
Total	19,190	21,601	26,837	19,052	17,255	14,052	11,973
Rounded Total	**19,200**	**21,600**	**26,800**	**19,100**	**17,300**	**14,100**	**12,000**

*Includes Xaisombun
**Previously within Xaisombun, the districts of Hom and Longxan are part of Vientiane Province since 2001.

Lao PDR, potential opium production since 1992 (in metric tons)



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Metric tons	202	196	127	169	120	128	140	147	124	124	167	134	112	120

Lao PRD, 2002 opium prices by sale periods

Period	Equivalent months range	Answers	Average weight of opium sold (kg)	KIP/kg	US$/kg
During harvest	Jan-Mar 2002	46	0.64	1,781,855	186
Just after harvest	Apr-May 2002	310	0.98	1,568,448	163
Rainy Season	Jun-Sep 2002	97	1.50	1,660,996	160
Dry Season	Oct-Dec 2002	85	1.22	1,583,858	146
For 2002		**538**		**1,600,000***	**160**

*Average weighted by number of answers and average weight of opium sold for each period.

Lao PDR, 2002 annual source of cash income for opium farmers

Source of Cash Income	Annual cash income (Kip)	% of total income	Number of answers	Annual income (US$)
Paddy	36,130	1.7%	37	4
Upland	121,721	5.8%	180	12
Animal	716,480	34.2%	633	70
Vegetable	74,614	3.6%	374	7
Opium	889,885	42.4%	535	88
Labor	75,300	3.6%	209	7
Trade	22,111	1.1%	39	2
Wood	101,284	4.8%	292	10
Non Timber Forest Products	32,546	1.6%	99	3
Other	26,477	1.3%	75	3
Total	**2,096,548**	**100%**		**206**

Sample size: 1,142 interviews of opium farmers

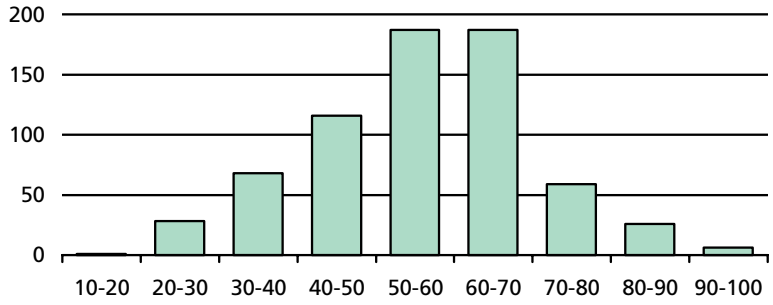
Lao PDR, Number of opium addicts 2000-2003

Year	Addicts
2000	63,000
2001	58,000
2002	53,000
2003	30,000

Lao PDR, Demographic Distribution of Opium Addicts by Gender and Age in 2003

	2003				2002	2001
Age	Male	Female	Total	% of Total	% of Total	% of Total
10-20	1	0	1	0.1%	1.14%	1.20%
20-30	22	6	28	4.1%	9.23%	10.85%
30-40	56	12	68	10.0%	22.13%	21.90%
40-50	93	23	116	17.1%	22.85%	23.27%
50-60	146	41	187	27.6%	21.46%	22.53%
60-70	149	38	187	27.6%	16.71%	14.52%
70-80	44	15	59	8.7%	5.17%	4.57%
80-90	13	13	26	3.9%	1.05%	0.90%
90-100	4	2	6	0.9%	0.22%	0.27%
Total	528	150	678			
%	78%	22%	100%	100%	100%	100%

Laos PDR, demographic distribution of opium addiction by age in 2003



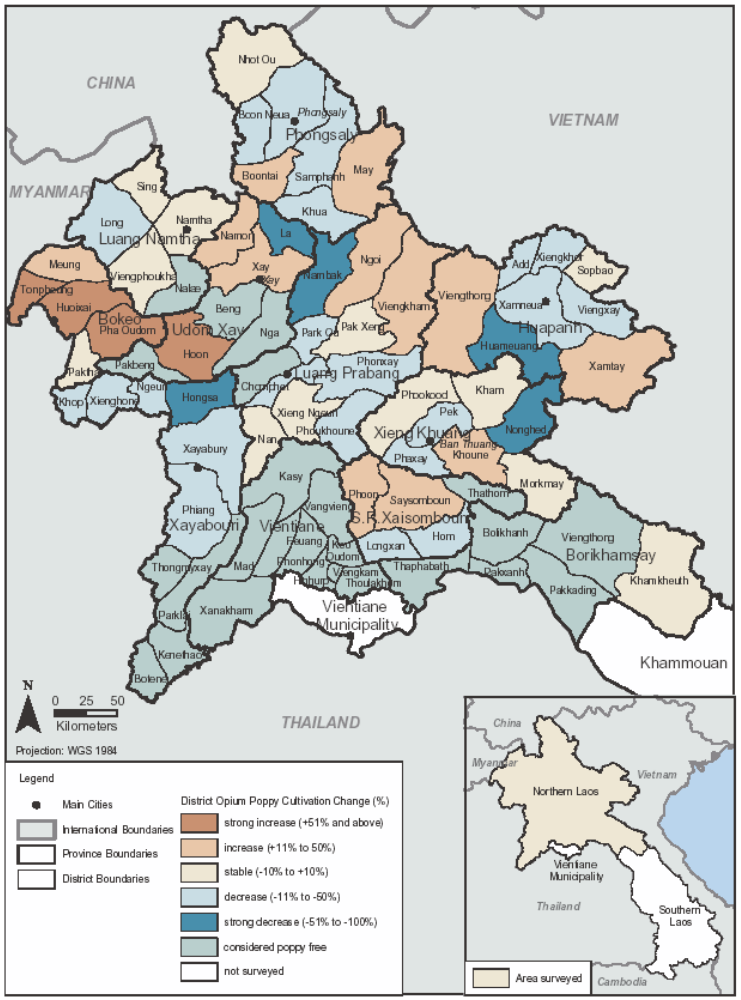
Lao PDR, reported voluntary eradication in 2003

Province	Hectares
Phongsaly	416
Luang Namtha	1,005
UdomXay	428
Bokeo	58
Luang Prabang	1,315
Huapanh	549
Xayabouri	305
Xieng Khuang	18
Bolikhamsay	40
Total	**4,133**

Northern Laos Opium Poppy Cultivation 2003

Source: LCDC – UNODC *Laos Opium Poppy Cultivation 2003*

Northern Laos Opium Poppy Cultivation change 2002 - 2003



Source: LCDC – UNODC *Laos Opium Poppy Cultivation 2003*

3.1.4. Seizure of Illicit Laboratories

MANUFACTURE
SEIZURES OF ILLICIT LABORATORIES
REPORTED FOR 2001 - 2002

Remark: For convenience, an attempt was made to group the reported estimates by drug categories. however, due to inconsistencies and gaps in the reporting, no overall analysis of the data set was performed. Numbers are presented as reported to UNODC and should be interpreted with caution.

Source: Annual Report Questionnaire if not otherwise indicated

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
		OPIATE GROUP		
Americas				
North America				
Mexico	2001	Heroin	1 Lab.	
	2002	Heroin	1 Lab.	
Subtotal North America			2 Lab.	
South America				
Colombia	2001	Heroin	6 Lab.(1.400 kg)	
	2002	Heroin	3 Lab.	
Subtotal South America			9 Lab.(1.400 kg)	
Total Americas			11 Lab.(1.400 kg)	
Asia				
East and South-East Asia				
Hong Kong SAR, China	2001	Heroin	12 Lab.	
	2002	Heroin	6 Lab.	
Myanmar	2001	Heroin	16 Lab.	
	2002	Heroin	9 Lab.	
Subtotal East and South-East Asia			43 Lab.	
South Asia				
India	2001	Morphine	1 Lab.	
	2001	Heroin	6 Lab.	
	2002	Heroin	7 Lab.(28.000 kg)	
	2002	Morphine	1 Lab.(5.000 kg)	
Subtotal South Asia			15 Lab.(33.000 kg)	
Total Asia			58 Lab.(33.000 kg)	
Europe				
Eastern Europe				
Poland	2001	Polish heroin	408 Lab.(280.000 lt.)	
	2002	Polish heroin	14 Lab.	
Republic of Moldova	2001	Opium	11 Lab.	
Russian Federation	2001	Opium	232 Lab.(24.114 kg)	
	2002	Opium	91 Lab.	
Ukraine	2001	Poppy	30 Lab.	
Subtotal Eastern Europe			786 Lab.(24.114 kg)(280.000 lt.)	
Turkey	2002	Heroin	10 Lab.	
Total Europe			796 Lab.(24.114 kg)(280.000 lt.)	
Opiate group			865 Lab.(58.514 kg)(280.000 lt.)	

3.2. Coca/ Cocaine

GLOBAL ILLICIT CULTIVATION OF COCA BUSH AND PRODUCTION OF COCA LEAF AND COCAINE, 1990-2003

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CULTIVATION[1] OF COCA BUSH IN HECTARES														
Bolivia [2]	50,300	47,900	45,300	47,200	48,100	48,600	48,100	45,800	38,000	21,800	14,600	19,900	24,400	23,600
Colombia [3]	40,100	37,500	37,100	39,700	44,700	50,900	67,200	79,400	101,800	160,100	163,300	144,800	102,000	86,000
Peru [4]	121,300	120,800	129,100	108,800	108,600	115,300	94,400	68,800	51,000	38,700	43,400	46,200	46,700	44,200
Total	**211,700**	**206,200**	**211,500**	**195,700**	**201,400**	**214,800**	**209,700**	**194,000**	**190,800**	**220,600**	**221,300**	**210,900**	**173,100**	**153,800**
POTENTIAL PRODUCTION OF DRY COCA LEAF IN METRIC TONS														
Bolivia	77,000	78,000	80,300	84,400	89,800	85,000	75,100	70,100	52,900	22,800	13,400	20,200	19,800	17,100
Colombia	45,300	45,000	44,900	45,300	67,500	80,900	108,900	129,500	165,900	261,000	266,200	236,000	222,100	168,000
Peru	196,900	222,700	223,900	155,500	165,300	183,600	174,700	130,600	95,600	69,200	46,200	49,300	52,500	50,790
Total	**319,200**	**345,700**	**349,100**	**285,200**	**322,600**	**349,500**	**358,700**	**330,200**	**314,400**	**353,000**	**325,800**	**305,500**	**294,400**	**235,890**
POTENTIAL[5] MANUFACTURE OF COCAINE IN METRIC TONS														
Bolivia	189	220	225	240	255	240	215	200	150	70	43	60	60	60
Colombia	92	88	91	119	201	230	300	350	435	680	695	617	580	440
Peru	492	525	550	410	435	460	435	325	240	175	141	150	160	155
Total	**774**	**833**	**866**	**769**	**891**	**930**	**950**	**875**	**825**	**925**	**879**	**827**	**800**	**655**

(1) Potentially harvestable, after eradication.
(2) Source: CICAD and US Department of State, International narcotics Control Strategy Report.
(3) Estimates for 1999 and subsequent years come from the national monitoring system established by the Colombian government with the support of UNODC. Due to the change of methodology, figures for 1999 and after cannot be directly compared with data from previous years.
(4) Since 2000 the results are those of the illicit crop monitoring system established with the support of UNODC
(5) Potential manufacture of cocaine is the amount of cocaine that can be made from coca leaf produced in the country concerned. It does not take into account importation of coca base from other countries.

3.2.1. Colombia

Colombia remains the largest producer of coca leaf and its derivative, cocaine. In 2003, 67% of the world's cocaine supply was produced in Colombia. However, Colombia has recorded its third straight year of decline: after declining 38% between 2000 and 2002, coca cultivation declined a further 16% in 2003.

Results of the 2003 UNODC Colombia Annual Survey

(1) Coca Cultivation

According to the findings of the Colombia Coca Survey for 2003, conducted by the Government of Colombia with the support of UNODC, 86,000 hectares of coca were cultivated last year. This represented a decrease of about 16,000 ha (or 16%) since December 2002, when coca cultivation stood at 102,000 ha. As in the previous year, the decline is partially attributed to an intensification of eradication efforts, in particular the aerial spraying campaign which peaked at 133,000 ha. Including the decrease in 2003, coca cultivation has decreased a total of 47% since 2000.

(2) Geographical Distribution

In 2003, important year on year variations and shifts took place in coca cultivation at the department level. Significant reductions in coca cultivation between 2002 and 2003 were found in the departments of Guaviare (-11,218 ha or 41% decrease), Putumayo (-61,666 ha or 45% decrease) and Norte de Santander (-4,471 ha or 44% decrease), while coca cultivation increased in two departments: Nariño (17,628 ha or 17% compared to 2002) and Meta (12,695 ha or 38% compared to 2002). This change in the composition of departments under cultivation is thought to be a result of an increase in eradication. In 2003, the major coca growing departments were Nariño, Guaviare and Meta, which together accounted for 54% of coca cultivation in the country. The same three departments accounted for 61% of the aerial eradication efforts.

(3) Coca Production

UNODC has not yet conducted a scientific and comprehensive study on coca leave and cocaine productivity in Colombia. UNODC relies on information available from other sources, in particular the US Government. For the purposes of the 2003 survey report, UNODC used a conversion rate of 4.7 Kg of cocaine per hectare under cultivation. Using this rate, the potential cocaine production in 2003 was 440 metric tons. (This does not include the cocaine which could have been produced in Colombia from imported Peruvian coca base.)

(4) Coca prices

In 2003, the average price for one kg of coca base amounted COP 2,251,000. Coca base prices in local currency remained largely stabled compared to 2002, but fell in terms of US$ by 6%, from US$ 847/kg to US$ 793.

(5) Opium cultivation and production

As of November 2003, the DIRAN's estimates based on reconnaissance flights and spray operations, identified 4,026 hectares of opium poppy under cultivation, compared to 4,253 hectares in 2002. The total potential heroin production in Colombia would amount to about 5 metric tons of heroin in 2003.

The price of opium latex for 2003 averaged US$156/kg. With an estimated potential latex production of 121 metric tons, the potential value of the 2003 farm gate production of opium latex would amount to about US$ 19 millions.

The average price for one kg of heroin, as collected by the National Alternative Development Programme, was estimated in US$ 5,660/kg.

(6) Eradication

Colombia's eradication campaign was sustained in 2003. A total of 136,828 ha were eradicated. DIRAN reported the aerial spraying of 133,000 ha (or +2% from 2002) of coca bush and 3,000 ha (-12% from 2002) of opium poppy cultivation.

The UNODC survey was not designed to monitor or validate the results of the eradication campaign. The results for coca cultivation are considered post-eradication and reflected the net amount harvestable.

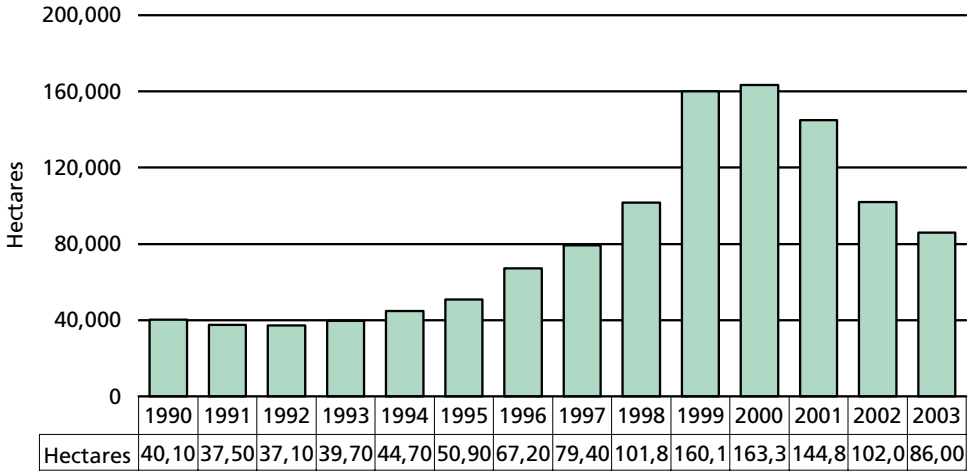
Fact Sheet: Colombia

Source: UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

Coca cultivation:	86,000 ha against 102,000 ha in 2002 (or a 16% decrease)	
2002-2003 trends in some areas:	Nariño:	+17%
	Guaviare:	- 41%
	Meta	+39%
	Putumayo:	- 45%
	Caqueta:	-14%
	Norte de Santander:	- 44%
Potential cocaine production 2003:	440 metric tons against 580 metric tons in 2002	
Average annual coca base price in 2003:	US$793/kg	
Total potential farmgate value of coca base in 2003:	US$350 million	
Opium poppy cultivation in 2003:	4,026 ha (DIRAN estimates) against 4,253 ha (DIRAN estimates) in 2002	
Potential opium latex production in 2003:	121 metric tons	
Price of opium latex as of December 2002:	US$194/kg	
Total potential farmgate value of opium latex in 2002:	US$25 million	
Potential heroin production in 2003:	5 metric tons	
Reported eradication (DIRAN):		
in 2002	Coca bush: 133,116 ha (+ 39% from 2001) Opium poppy: 3,728 ha (-20% from 2001)	
in 2003	Coca bush: 136,828ha (+ 3% from 2002) Opium poppy: 3,547 ha (-2% from 2002)	

Graphs, tables and maps: Colombia

Colombia, coca cultivation, in ha, 1990 – 2003



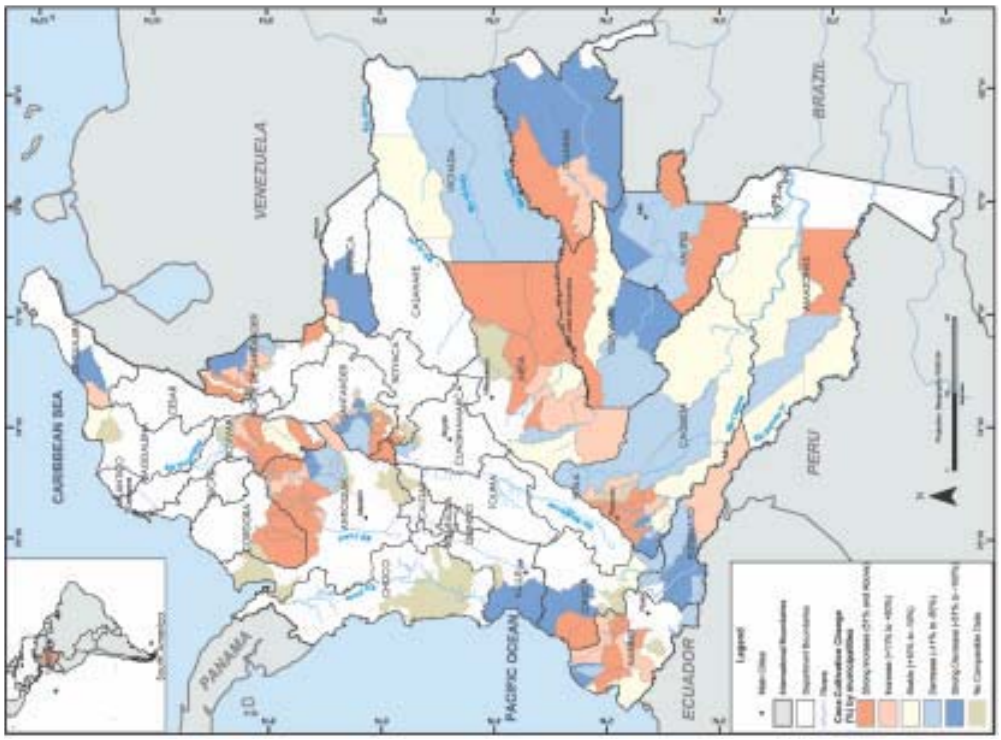
Colombia, main departments of coca cultivation, in ha, 2001 – 2002

Departments	2002	2003	% annual change	% of 2003 country total
Nariño	15,131	17,628	17%	20%
Guaviare	27,381	16,163	-41%	19%
Meta	9,222	12,814	39%	15%
Putumayo	13,725	7,559	-45%	9%
Caquetá	8,412	7,230	-14%	8%
Norte de Santander	8,041	4,471	-44%	5%
Rest of the country	20,088	20,135	0%	23%
Rounded Total	**102,000**	**86,000**	**-16%**	**100%**

Colombia, coca cultivation trends by regions, in ha, 1999 – 2003

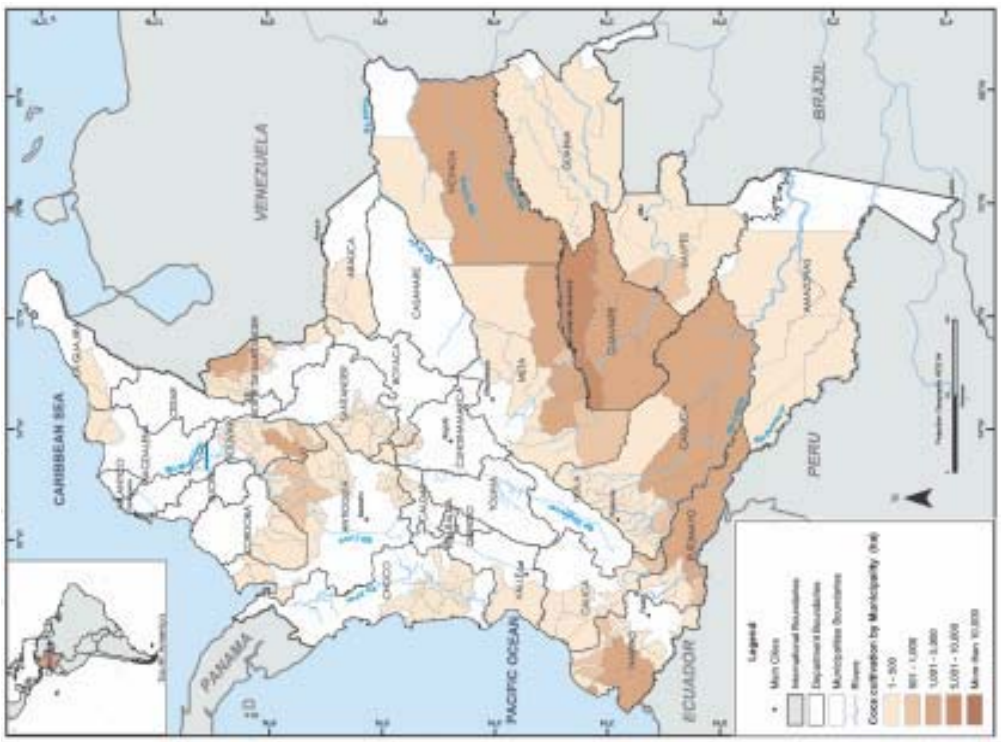
Region	1999	2000	2001	2002	2003
Putumayo-Caqueta	82,015	92,625	61,636	22,137	14,789
Meta - Guavare - Vaupes	40,833	30,235	38,896	38,088	30,134
Bolivar - Antioqua - Cordoba	11,461	8,624	8,647	6,150	7,885
Cauca - Nariño	10,250	13,919	10,633	17,251	19,071
Others	15,560	17,107	24,995	18,445	14,121
Grand Total	**160,119**	**162,510**	**144,807**	**102,071**	**86,000**

Colombia: Cultivation change 2002-2003 (%)



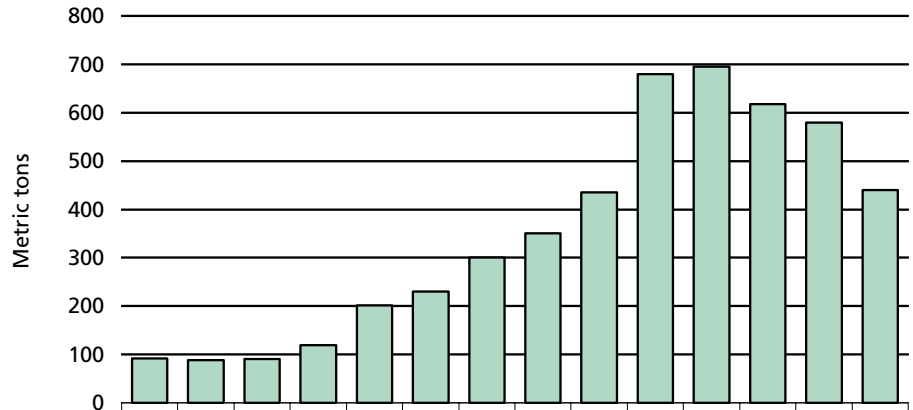
Source: Government of Colombia – UNODC Coca cultivation survey 2003

Colombia: Coca cultivation by muncipality in 2003



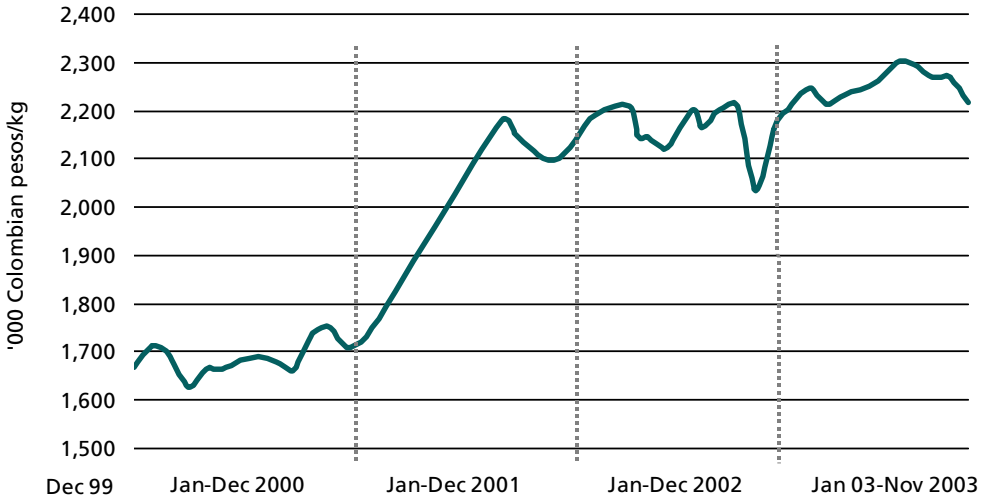
Source: Government of Colombia – UNODC Coca cultivation survey 2003

Colombia, potential cocaine production, 1990 - 2003



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Metric tons	92	88	91	119	201	230	300	350	435	680	695	617	580	440

Colombia, average coca base price, 2000 – 2003 (thousand of pesos /kg)



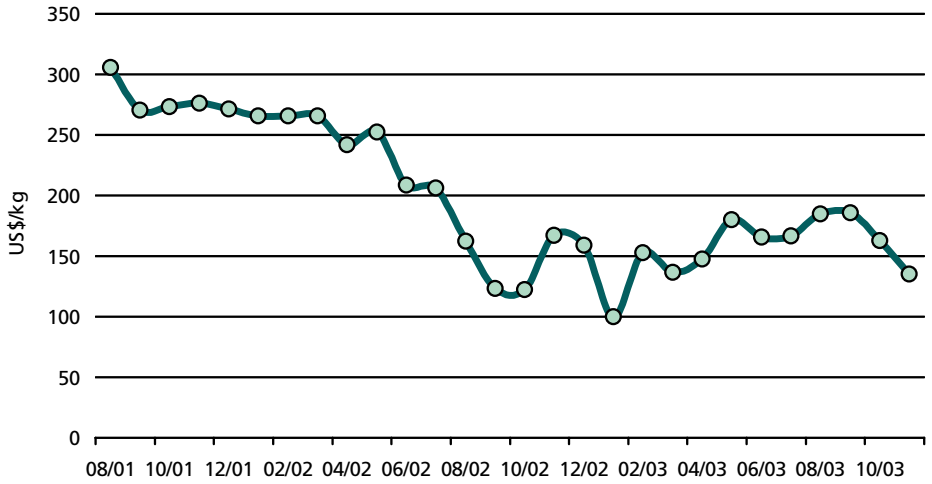
Colombia, average coca base price 2000 – 2003 (thousand of pesos /kg)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
2000	1,714	1,690	1,628	1,666	1,666	1,682	1,691	1,680	1,665	1,740	1,750	1,710
2001	1,730							2,179	2,150		2,096	
2002	2,192	2,208	2,146	2,146	2,124	2,204	2,165	2,203	2,208	2,034	2,162	
2003	2,213	2,247	2,215	2,231	2,242	2,263	2,300	2,295	2,269	2,270	2,217	

Colombia, average opium latex price, August 2001-November 2003, per kg.

Month/Year	Nariño	Cauca	Tolima	Huila	All regions (Colombian Pesos/kg)	All regions (US$/kg)
Aug-01	800,000	700,000	600,000	700,000	700,000	306
Sep-01	-	-	-	-	637,500	270
Oct-01	648,652	648,652	648,652	648,652	648,652	273
Nov-01	660,000	660,000	660,000	660,000	660,000	276
Dec-01	-	-	-	-	632,554	271
Jan-02	606,250	606,250	606,250	606,250	606,250	266
Feb-02	-	-	-	-	606,250	266
Mar-02	606,250	606,250	606,250	606,250	606,250	266
Apr-02	500,000	546,000	600,000	544,000	547,500	242
May-02	700,000	543,000	550,000	537,000	582,500	252
Jun-02	440,000	544,000	450,000	536,000	492,500	209
Jul-02	502,143	544,000	500,000	520,000	516,536	206
Aug-02	300,000	559,080	433,333	-	430,804	163
Sep-02	300,000	393,000	325,000	-	339,333	123
Oct-02	300,000	393,000	-	-	346,500	122
Nov-02	500,000	413,000	-	-	456,500	167
Dec-02	600,000	293,636	-	-	446,818	159
Jan-03	-	-	-	-	288,182	100
Feb-03	-	-	-	-	440,000	153
Mar-03	-	-	-	-	392,727	137
Apr-03	-	-	-	-	424,444	148
May-03	-	-	-	-	518,500	180
Jun-03	-	-	-	-	476,429	166
Jul-03	-	-	-	-	480,000	167
Aug-03	-	-	-	-	531,111	185
Sep-03	-	-	-	-	534,000	186
Oct-03	-	-	-	-	468,750	163
Nov-03	-	-	-	-	388,751	135

Colombia, average opium latex price, August 2001-November 2003, US$/kg



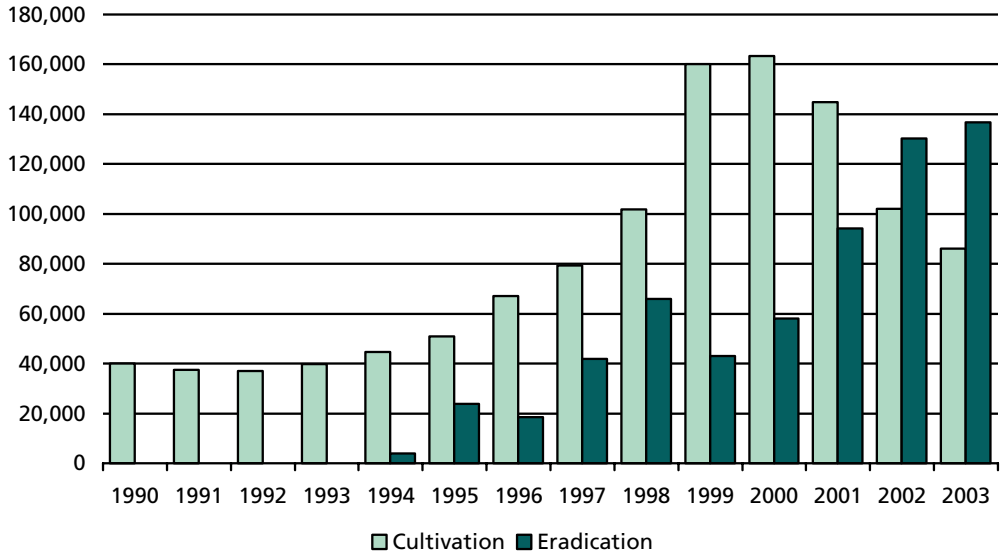
Colombia, cumulative aerial spraying of coca bushes by department (in ha), 1994- 2003

Sources:	Environmental Audit of the National Narcotics Bureau						Antinarcotics Police Department			
Department	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**
Guaviare	3,142	21,394	14,425	30,192	37,081	17,376	8,241	7,477	7,207	37,493
Meta	729	2,471	2,524	6,725	5,920	2,296	1,345	3,251	1,496	6,973
Caqueta	-	-	537	4,370	18,433	15,656	9,172	17,252	18,567	1.059
Putumayo	-	-	-	574	3,949	4,980	13,508	32,506	71,891	8,342
Vichada	-	50	85	-	297	91	-	2,820	-	-
Antioquia	-	-	684	-	-	-	6,259	-	3,321	9,835
Cordoba	-	-	264	-	-	-	-	-	734	550
Vaupes	-	-	-	-	349			-	-	-
Cauca	-	-	-	-	-	2,713	2,950	741	-	1,308
Norsantander	-	-	-	-	-	-	9,584	10,308	9,186	13,822
Nariño	-	-	-	-	-	-	6,442	8,216	17,962	36,910
Santander	-	-	-	-	-	-	470	-	-	5
Boyaca	-	-	-	-	-	-	102	-	-	-
Bolivar	-		-	-	-	-	-	11,581	-	4,783
Arauca	-	-	-	-	-	-	-	-	-	11,734
Sub-total	**3,871**	**23,915**	**18,519**	**41,861**	**66,029**	**43,111**	**58,073**	**94,153**	**130,364**	**132,817**
Manual eradication	-	-	-	-	-	-	-	1,745	2,752	4,011
Total	**3,871**	**23,915**	**18,519**	**41,861**	**66,029**	**43,111**	**58,073**	**95,898**	**133,116**	**136,828**

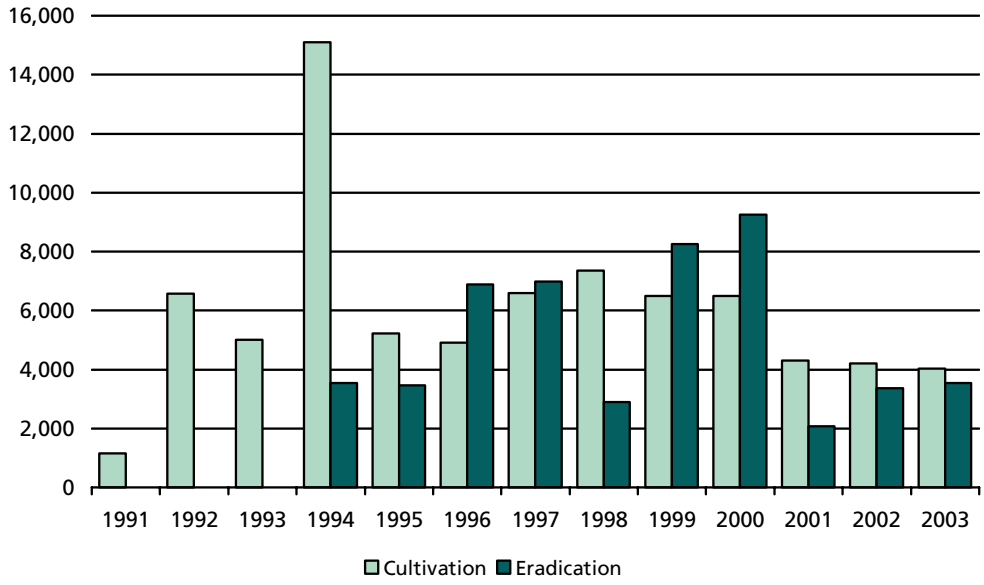
Colombia, cumulative aerial spraying of opium poppy, by department (in ha), 1994- 2003

Sources:	Environmental Audit of the National Narcotics Bureau						Antinarcotics Police Department			
Department	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**
Antioquia	-	-	120	-	-	-	-	-	-	0
Caldas	-	-	-	-	-	-	-	-	-	0
Caqueta	-	-	-	383	-	-	-	-	401	0
Cauca	102	53	123	50	-	828	1,601	387	236	550
Cesar	128	305	713	91	650	125	423	426	548	1.004
Guajira	81	177	371		50					75
Huila	2,057	1,383	715	2,175	749	1,426	2,421	429	545	391
Meta										0
Nariño						313	1,090	630	788	725
Tolima	1,169	1,549	4,843	4,290	1,452	5,557	3,720	194	854	250
Sub-total	**3,537**	**3,466**	**6,885**	**6,988**	**2,901**	**8,249**	**9,254**	**2,066**	**3,371**	**2,995**
Manual eradication								2,586	205	257
Total	**3,537**	**3,466**	**6,885**	**6,988**	**2,901**	**8,249**	**9,254**	**4,652**	**3,577**	**3,252**

Colombia, comparison of net coca cultivation and reported cumulated sprayed area[1], in ha, 1990-2003



Colombia, comparison of net opium poppy cultivation and reported cumulated sprayed area[1], in ha, 1991 - 2003



[1] Reported cumulated spraying does not take into account the effectiveness of spraying nor the fact that some spraying paths can overlap, which explains that eradicated areas are larger then cultivated areas. Illicit crop cultivation estimates presented in this publication are net, i.e. post-eradication.

3.2.2 Peru

Peru is the second largest cultivator of coca. It remains well behind the first, Colombia, and levels of production in 2003 continue to remain well below those reached in the mid-1990's when it was the world's largest producer of coca. Under its Global Illicit Crop Monitoring Programme, UNODC has been assisting the Peruvian Government in the implementation and refinement of a national coca monitoring system since 1998. Annual surveys have been produced since the year 2000.

Results of the 2003 UNODC Peru Annual Survey

(1) Coca Cultivation

In the year 2003, the total area under coca cultivation in Peru was estimated at 44,200 hectares, representing a 5.4 percent decline over 2002.

(2) Geographical Distribution

In 2003, 32% of total coca cultivation in the country took place in Apurimac, 31% in Alto Huallaga and 28% in La Convencion – Lares. The most important decreases in cultivation were noted in the areas of Central Huallaga, where coca cultivation has virtually disappeared (750 ha were estimated in 2002), as well as in Aguaytia (- 53%) and in Alto Huallaga (-11%).

(3) Coca Production

The total dry coca leaf production in 2003 was estimated at 50,790 metric tons, representing an average annual dry leaf yield of about 1,100 kg per ha at the national level. The 2003 dry coca leaf production decreased by 1,759 metric tons, or 3.3%, over 2002.

(4) Coca prices

In 2003, the average price paid for coca leaf on the illegal market was 2.22 US$/kg, with a maximum of US$3.35 in the month of February in Monzon, and a minimum of US$1.02 in the month of April in the Apurimac valley. This represented a decline of 11% compared to last year's average coca leaf price of 2.48 US$/kg.

(5) Opium cultivation and production

The UNODC-supported national illicit crop monitoring system has not yet established a reliable methodology for the detection of opium poppy in Peru and no data was available for 2003.

Opium poppy cultivation is considered negligible in Peru. In 2003, DIRANDRO reported a decrease of opium poppy eradication and seizures, indicating that the level of opium poppy cultivation is not expanding.

(6) Eradication

In 2003, the Peruvian Government reported the eradication of 11,312 hectares of coca, of which 7,022 hectares (62 percent) under programmed illicit crop elimination campaigns and 4,291 hectares (38 percent) under farmers' voluntary coca reduction initiatives in exchange for sustainable livelihood schemes.

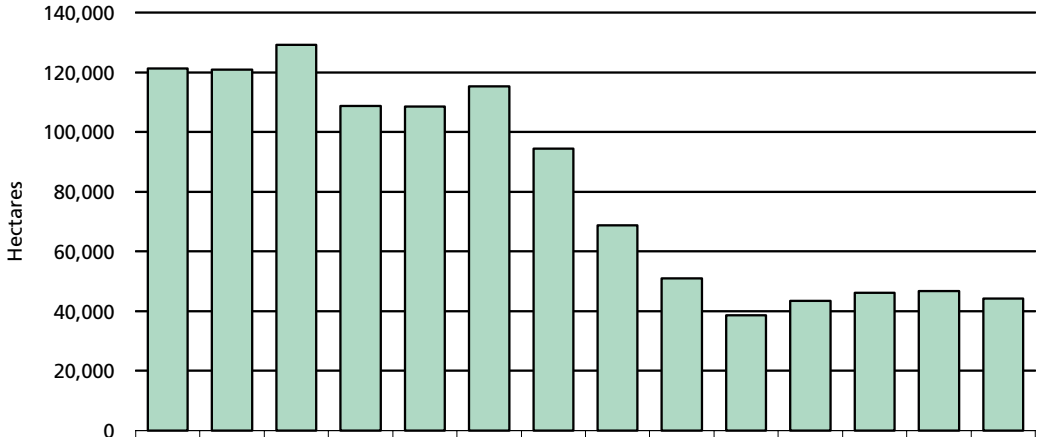
Fact Sheet: Peru

Source:UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

Coca cultivation:	44,200 ha against 46,700 ha in 2002 (or a 5.4% decline)
2002-2003 trends in some areas:	Upper Huallaga: - 11% Aguaytia: - 52% Apurimac: +1% La convención - Lares: + 1% Central Sleva: -29% Others -64%
Total dry coca leaf production in 2003:	50,790 metric tons (3.3% increase over 2002)
Potential coca base/cocaine production in 2003:	155 metric tons against 160 metric tons in 2002
Average annual coca base price in 2003:	US$305/kg
Total potential farm-gate value of coca leaf:	US$112 million
Opium poppy cultivation :	no estimate, but probably low level
Reported eradication (CORAH and DEVIDA)	in 2002: Coca bush: 7,200 ha (+ 13% from 2001) in 2003: Coca bush: 11, 300 ha (+57% from 2002)

Graphs, tables and maps: Peru 2003

Peru, coca cultivation, in ha, 1990 – 2003

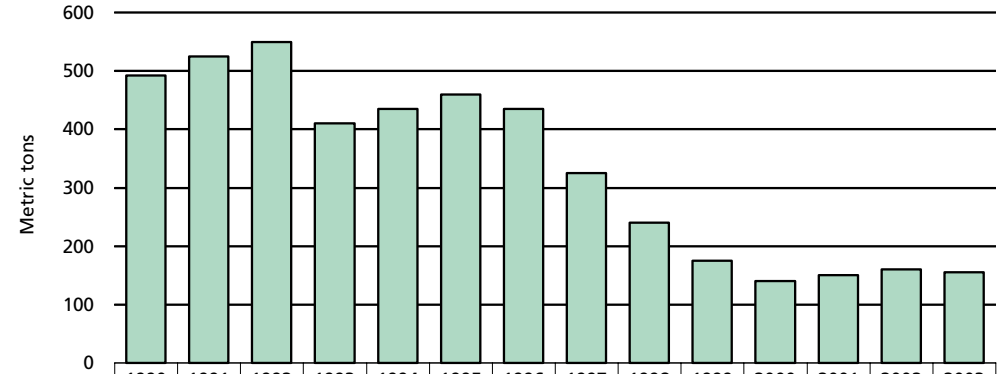


	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hectares	121,30	120,80	129,10	108,80	108,60	115,30	94,400	68,800	51,000	38,700	43,400	46,200	46,700	44,200

Peru, main areas of coca cultivation 2001 – 2003

Area	2002	2003	Change 2002 - 2003	Percentage of 2003 Total
Alto Huallaga	15,290	13,650	-11%	31%
Aguaytia	1,070	510	-52%	1%
Apurimac	14,170	14,300	1%	32%
La Convencion - Lares	12,170	12,340	1%	28%
Central Selva	350	250	-29%	1%
Inambari - Tambopata	2,430	2,260	-7%	5%
San Gaban	n.a.	470		1%
Others	1,250	450	-64%	1%
Total	**46,700**	**44,200**	**-5%**	**100%**

Peru, potential cocaine production, 1990-2003



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Metric tons	492	525	550	410	435	460	435	325	240	175	141	150	160	155

Peru coca cultivation in 2002

Source: UNODC Peru Coca Survey 2003

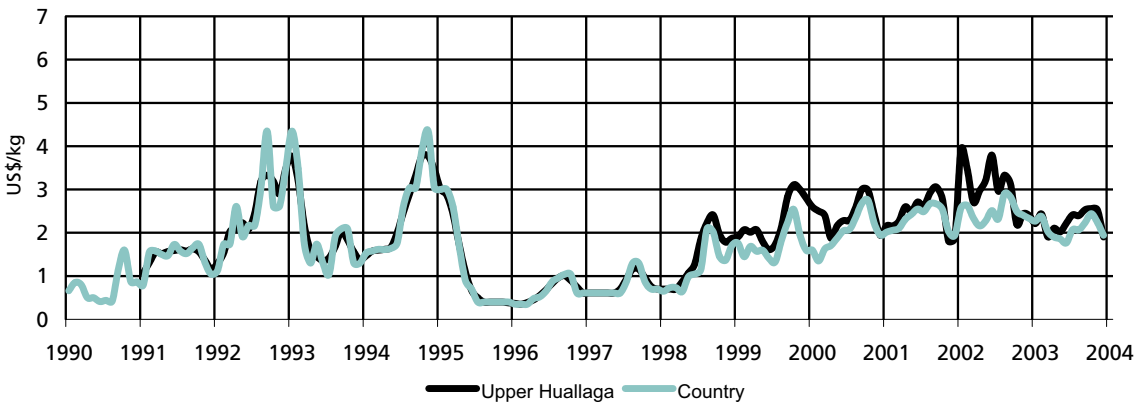
Peru, farmgate prices of coca leaf 1990-2003 (US$/kg)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
January	0.7	0.8	1.1	4.4	1.5	3.0	0.4	0.6	0.6	1.8	1.6	2.0	2.6	2.3
February	0.9	1.6	1.7	3.5	1.6	3.0	0.4	0.6	0.7	1.4	1.3	2.1	2.6	2.4
March	0.8	1.6	1.7	1.7	1.6	2.6	0.4	0.6	0.7	1.7	1.6	2.1	2.3	2.0
April	0.5	1.5	2.6	1.3	1.6	1.7	0.5	0.6	0.6	1.6	1.7	2.3	2.2	1.9
May	0.5	1.5	1.9	1.7	1.6	0.9	0.5	0.6	1.0	1.6	1.9	2.4	2.3	1.9
June	0.4	1.7	2.2	1.3	1.8	0.7	0.7	0.6	1.0	1.4	2.0	2.5	2.5	1.8
July	0.4	1.6	2.2	1.0	2.6	0.4	0.9	0.9	1.1	1.3	2.1	2.5	2.3	2.1
August	0.4	1.5	3.0	1.9	3.0	0.4	1.0	1.3	2.1	1.8	2.3	2.7	2.9	2.1
September	1.2	1.7	4.4	2.1	3.0	0.4	1.0	1.3	2.0	2.2	2.7	2.7	2.8	2.2
October	1.6	1.7	2.6	2.1	3.9	0.4	1.0	0.9	1.5	2.5	2.8	2.5	2.5	2.4
November	0.9	1.3	2.6	1.3	4.4	0.4	0.6	0.7	1.4	2.0	2.2	2.0	2.4	2.2
December	0.9	1.0	3.5	1.3	3.0	0.4	0.6	0.7	1.7	1.6	1.9	1.9	2.3	1.9
Annual Average US$/kg	**0.8**	**1.5**	**2.5**	**2.0**	**2.5**	**1.2**	**0.7**	**0.8**	**1.2**	**1.7**	**2.0**	**2.3**	**2.5**	**2.1**
In constant US$ of 2003	**1.1**	**2.0**	**3.3**	**2.5**	**3.1**	**1.4**	**0.8**	**0.9**	**1.6**	**2.4**	**2.2**	**2.5**	**2.5**	**2.1**

Peru, Upper Huallaga, farmgate prices of coca leaf 1991-2003 (US$/kg)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
January	1.1	1.3	3.8	1.5	3.0	0.4	0.6	0.7	1.9	2.6	2.2	3.9	2.2
February	1.3	1.5	3.2	1.6	2.9	0.4	0.6	0.7	2.1	2.5	2.2	3.5	2.4
March	1.6	2.0	2.2	1.6	2.4	0.4	0.6	0.7	2.0	2.4	2.3	2.7	1.9
April	1.5	2.1	1.6	1.6	1.7	0.5	0.6	0.9	2.1	1.9	2.6	3.0	2.1
May	1.6	2.2	1.5	1.7	1.1	0.6	0.6	1.1	1.8	2.2	2.5	3.2	2.0
June	1.6	2.1	1.4	2.0	0.7	0.7	0.7	1.3	1.6	2.3	2.7	3.8	2.2
July	1.6	2.5	1.4	2.5	0.5	0.8	0.9	1.9	1.7	2.3	2.6	3.0	2.4
August	1.6	3.2	1.7	2.9	0.4	1.0	1.2	2.2	2.1	2.6	2.9	3.3	2.4
September	1.6	3.3	2.0	3.3	0.4	1.0	1.2	2.4	2.8	3.0	3.1	3.1	2.5
October	1.6	3.2	1.8	3.8	0.4	0.9	1.0	2.0	3.1	3.0	2.8	2.2	2.6
November	1.4	2.9	1.6	3.8	0.4	0.8	0.8	1.8	3.0	2.4	1.8	2.4	2.5
December	1.2	3.5	1.4	3.5	0.4	0.6	0.7	1.9	2.8	1.9	1.9	2.4	1.9
Annual Average US$/kg	**1.5**	**2.5**	**2.0**	**2.5**	**1.2**	**0.7**	**0.8**	**1.5**	**2.3**	**2.4**	**2.5**	**3.0**	**2.3**
In constant US$ of 2003	**2.0**	**3.3**	**2.5**	**3.1**	**1.4**	**0.8**	**0.9**	**1.6**	**2.5**	**2.6**	**2.6**	**3.1**	**2.3**

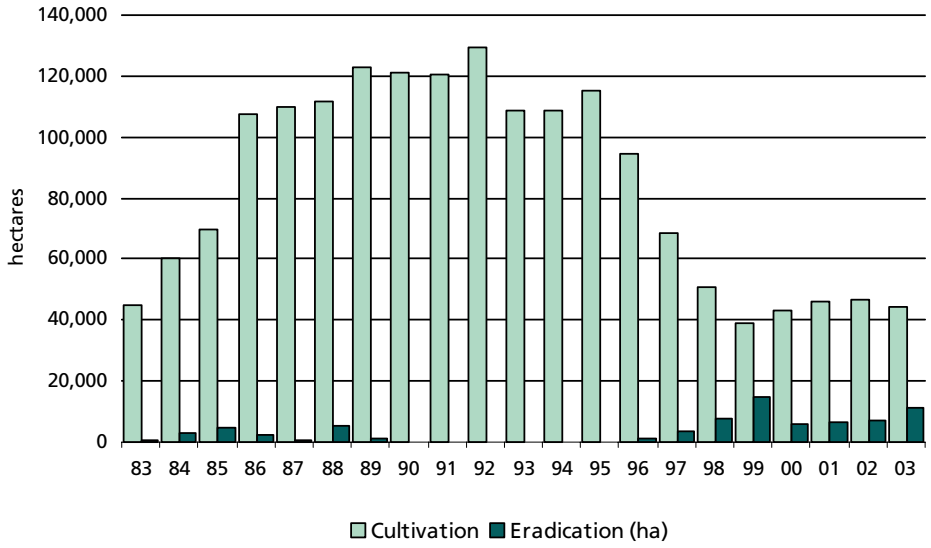
Peru, average dry coca leaf prices for Peru and for Upper Huallaga, US$/kg, 1990-2003



Peru, coca cultivation and reported eradication, in ha, 1983 – 2003 (source CORAH)

Years	Eradication (ha)	Cultivation (ha)
1983	700	45,000
1984	3,100	60,000
1985	4,800	70,000
1986	2,600	107,500
1987	400	110,146
1988	5,100	111,875
1989	1,300	123,007
1990	-	121,300
1991	-	120,800
1992	-	129,100
1993	-	108,800
1994	-	108,600
1995	-	115,300
1996	1,300	94,400
1997	3,500	68,800
1998	7,800	51,000
1999	14,700	38,700
2000	6,200	43,400
2001	6,400	46,200
2002	7,200	46,700
2003	11,300	44,200

Peru, cultivation and reported eradication, in ha, 1983 - 2003



3.2.3. Bolivia

Under its Illicit Crop Monitoring Programme, UNODC has been assisting the Bolivian Government in the implementation of a national coca monitoring system. For the first time, in 2003, the Bolivian project was extended to the national level and consequently, able to provide estimates for coca cultivation at the national level. Bolivia is the third largest producer of coca in the world. It trails far behind Colombia, the world's largest producer.

Results of the 2003 UNODC Bolivia Annual Survey

(1) Coca Cultivation

The results of the first national survey revealed that 23,600 hectares of coca bush were cultivated in Bolivia in 2003. This was 9% of the world's coca cultivation in 2003.

(2) Geographical Distribution

Most of the coca cultivatin in Bolivia takes place in the Yungas of La Paz. Between 2002 and 2003, coca cultivation showed a +18% increase in this area, which accounted for 71% of the total coca cultivation in 2003. It is also in this area that most of the traditional coca cultivation takes place. The remaining 29% of coca cultivation was grown in the Chapare area of the Cochabamba department. Comparison with 2002 is not possible over the Chapare area. However, reports from DIRECO supported by anecdotal information indicated that coca cultivation was on the decrease following the sustained eradication campaign in this area.

(3) Coca Production

The overall estimate of 23,600 ha for cultivation quoted above includes the 12,000 ha permitted by Bolivian Law No 1008, "Law on the Regime Applicable to Coca and Controlled Substances," 1988, for traditional uses. The overall area under coca cultivation produced an estimated 28,300 metric tons of drug coca leaf, of which 17,100 metric tons were estimated to have been used for cocaine production. The potential cocaine production in Bolivia amounted to 60 metric tons in 2003.

(4) Coca prices

Prices of dry coca leaf remained stable throughout 2003, averaging US$5.4 per kilogram.

(5) Eradication

The eradication of coca crops is done manually and takes place mainly in Chapare. In 2003, the Government of Bolivia eradicated 10,100 ha of coca fields, similar to the levels reported since 1998.

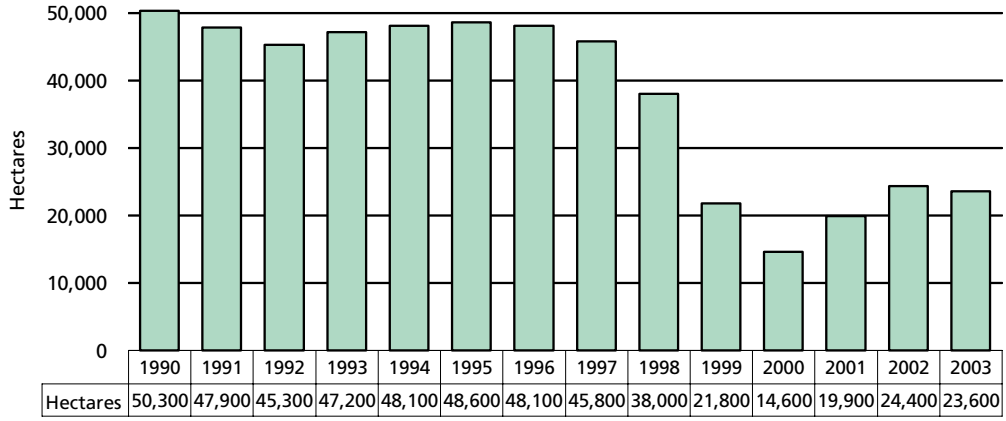
Fact Sheet:

Source:UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

Coca cultivation including 12,000ha cultivation allowed by law:	23,600 ha	
Distribution of Coca Cultivation in Bolivia 2003:	Yungas of La Paz	16,200 ha (69%)
	Chapare area	7,300 ha (31%)
	Apolo	50 ha (0.2%)
Detailed by provinces in Yungas of La Paz:	Caranavi	+81%
	North Yungas	+14%
	South Yungas	+16%
	Inquisivi	+8%
	Murillo	+39%
Dry coca leaf yield:	traditional area:	936 kg/ha/year
	Elsewhere (mainly Chapare):	1,798 kg/ha/year
Average dry coca leaf price:		5.4US$/kg
Potential farm-gate value of coca leaf production:		US$ 153 million
Potential cocaine production:		60 metric tons
Data communicated by DIRECO:		
Eradication at country level:		
	in 2002:	11,853 ha
	in 2003:	10,087 ha

Graphs, tables and maps: Bolivia

Bolivia, coca cultivation, in ha, 1990 – 2003

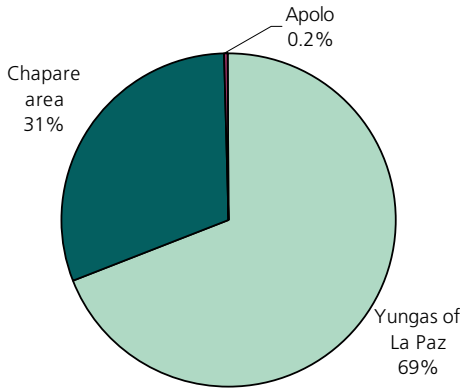


	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hectares	50,300	47,900	45,300	47,200	48,100	48,600	48,100	45,800	38,000	21,800	14,600	19,900	24,400	23,600

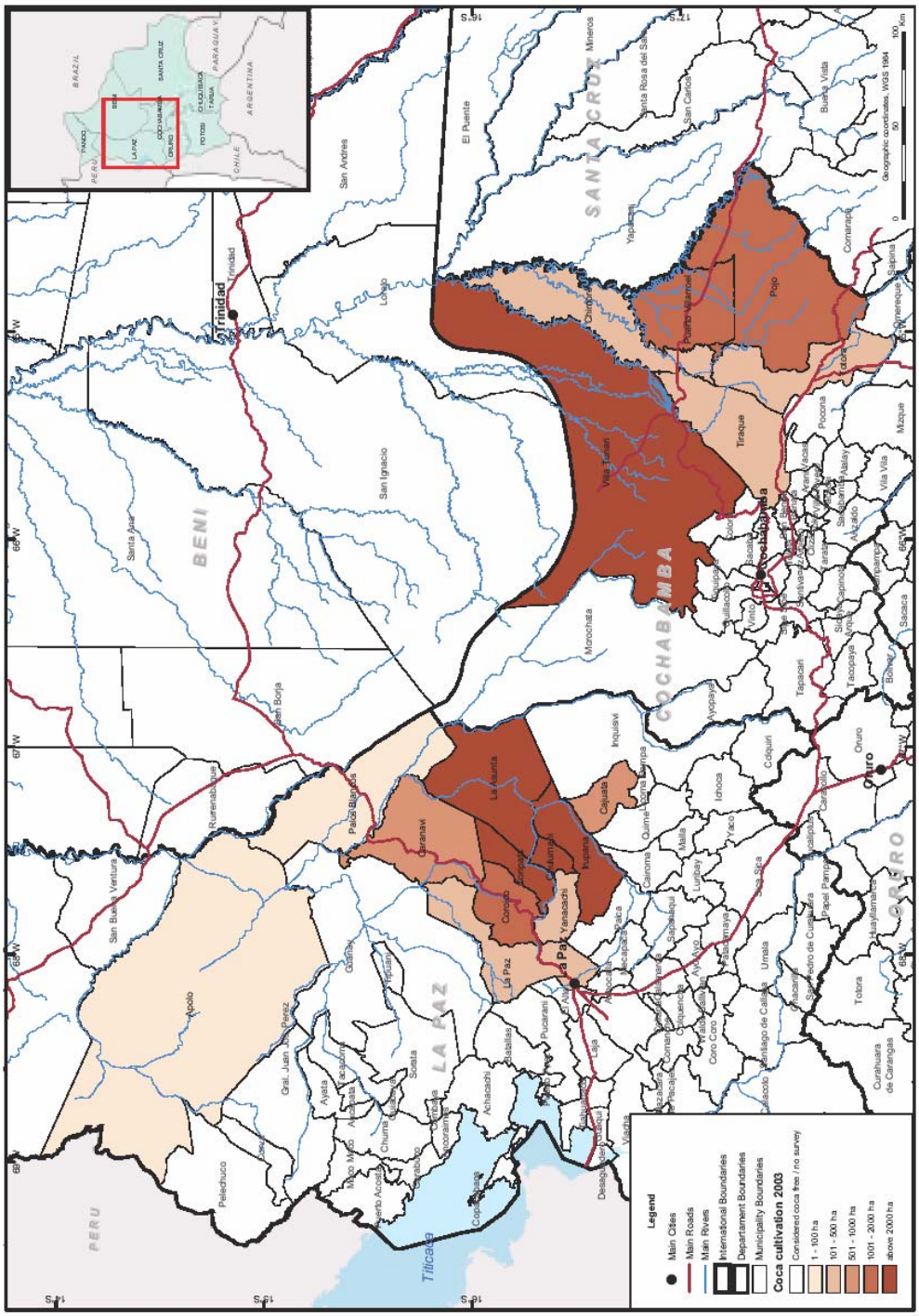
Bolivia, Distribution of coca cultivation (2003 UNODC survey)

Area	2003 Coca Cultivation	% of 2003 total
Yungas of La Paz	16,200	69%
Chapare area	7,300	31%
Apolo	50	0.2%
Rounded total	**23,600**	

Bolivia, coca cultivation by municipalities (2002 UNODC survey)

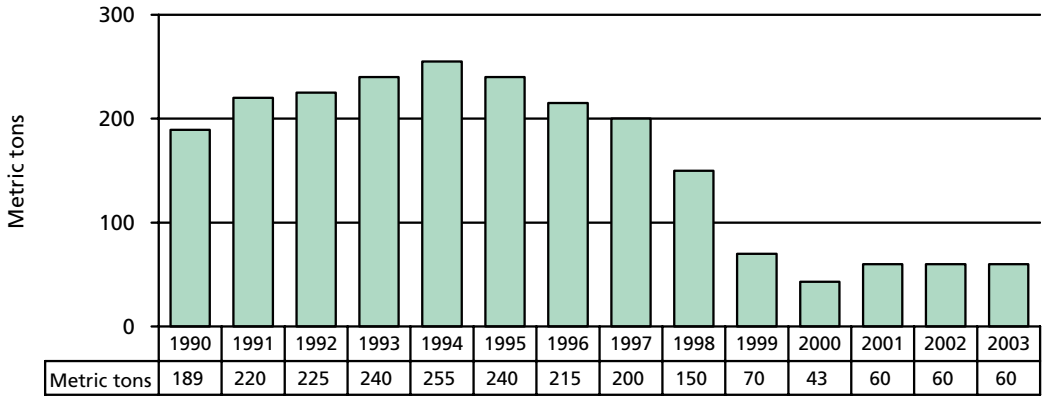


Coca cultivation for 2003 in the Yungas of La Paz by municipality



Source: DIRECO - UNODC *Bolivia Coca Survey 2003*

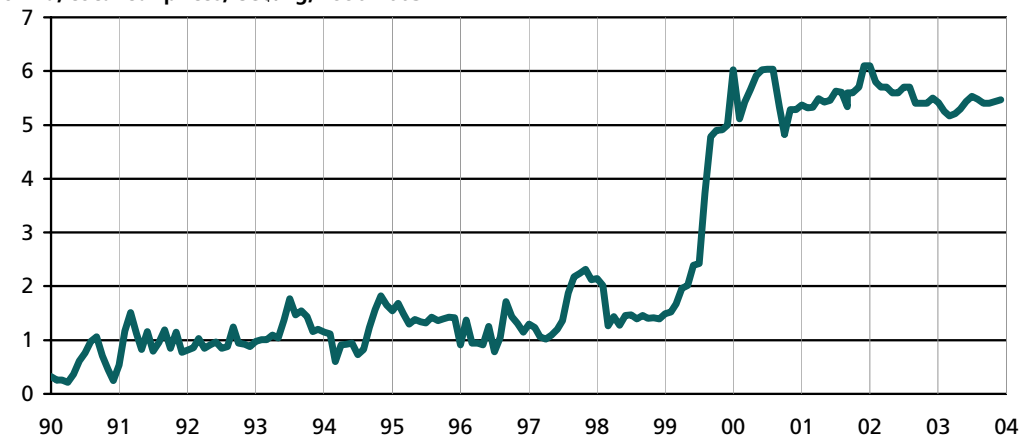
Bolivia, potential cocaine production, 1990 - 2003



Bolivia, farmgate prices of coca leaf, 1991-2003 (US$/kg)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
January	0.3	0.5		1.0	1.1	1.5	0.9	1.3	2.1	1.5	6.0	5.4	6.1	5.4
February	0.3	1.2	0.9	1.0	1.1	1.7	1.4	1.2	2.0	1.5	5.1	5.3	5.8	5.3
March	0.3	1.5	1.0	1.0	0.6	1.5	0.9	1.1	1.3	1.7	5.4	5.3	5.7	5.2
April	0.2	1.1	0.8	1.1	0.9	1.3	0.9	1.0	1.4	2.0	5.7	5.5	5.7	5.2
May	0.4	0.8	0.9	1.0	0.9	1.4	0.9	1.1	1.3	2.0	5.9	5.4	5.6	5.3
June	0.6	1.2	1.0	1.4	0.9	1.3	1.3	1.2	1.5	2.4	6.0	5.5	5.6	5.4
July	0.8	0.8	0.8	1.8	0.7	1.3	0.8	1.4	1.5	2.4	6.0	5.6	5.7	5.5
August	1.0	1.0	0.9	1.5	0.8	1.4	1.1	1.9	1.4	3.7	6.0	5.6	5.7	5.5
September	1.1	1.2	1.2	1.5	1.2	1.4	1.7	2.2	1.5	4.8	5.3	5.3	5.4	5.4
October	0.7	0.9	0.9	1.4	1.6	1.4	1.4	2.2	1.4	4.9	4.8	5.6	5.4	5.4
November	0.5	1.1	0.9	1.2	1.8	1.4	1.3	2.3	1.4	4.9	5.3	5.6	5.4	5.4
December	0.3	0.8	0.9	1.2	1.7	1.4	1.2	2.1	1.4	5.0	5.3	5.7	5.5	5.5
Annual Average	**0.5**	**1.0**	**0.9**	**1.3**	**1.1**	**1.4**	**1.1**	**1.6**	**1.5**	**3.1**	**5.6**	**5.5**	**5.6**	**5.4**

Bolivia, coca leaf prices, US$/kg, 1990-2003

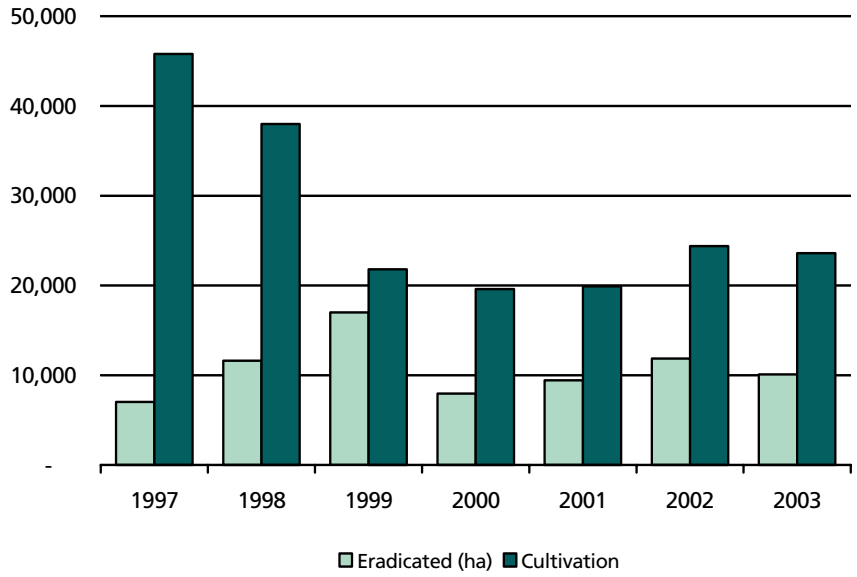


Bolivia, reported eradication and cultivation, in ha, 1997-2003

Year	Eradicated (ha)	Cultivated (ha)
1997	7,026	45,800
1998	11,621	38,000
1999	16,999	21,800
2000	7,953	19,600
2001	9,435	19,900
2002	11,853	24,400
2003	10,087	23,600

Source: DIRECO

Bolivia, reported eradication and cultivation, in ha, 1997-2003



3.2.4. Seizure of Illicit laboratories

MANUFACTURE
SEIZURES OF ILLICIT LABORATORIES
REPORTED FOR 2001 - 2002

Remark: For convenience, an attempt was made to group the reported estimates by drug categories. however, due to inconsistencies and gaps in the reporting, no overall analysis of the data set was performed. Numbers are presented as reported to UNODC and should be interpreted with caution.

Source: Annual Report Questionnaire if not otherwise indicated

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
		COCA GROUP		
Americas				
North America				
Canada	2001	Coca paste	1 Lab.	
United States	2001	Cocaine	3 Lab.(0.456 kg)	
	2002	Cocaine	5 Lab.(1.000 kg)	
Subtotal North America			9 Lab.(1.456 kg)	
South America				
Argentina	2001	Cocaine	6 Lab.	
	2002	Cocaine	9 Lab.	
Bolivia	2001	Cocaine	5 Lab.(334.100 kg)	F.O
	2001	Cocaine base	1006 Lab.(4280.400 kg)	F.O
	2002		1 Lab.(24.500 kg)	
Chile	2002		1 Lab.	
Colombia	2001	Cocaine base	470 Lab.(5229.000 kg)	
	2001	Cocaine	1085 Lab.(5335.000 kg)	
	2002	Cocaine base	1273 Lab.	
	2002	Cocaine	161 Lab.	
Peru	2001	Cocaine base	64 Lab.	
	2001	Cocaine	2 Lab.(3000.000 kg)	
Venezuela	2001	Cocaine	2 Lab.	
Subtotal South America			4085 Lab.(18203.000 kg)	
Total Americas			4094 Lab.(18204.456 kg)	
Asia				
East and South-East Asia				
Hong Kong SAR, China	2001	Cocaine (crack)	2 Lab.	
	2002	Cocaine	2 Lab.	
Thailand	2001	Cocaine	1 Lab.	Govt.
Subtotal East and South-East Asia			5 Lab.	
Total Asia			5 Lab.	
Europe				
Eastern Europe				
Slovenia	2002	Cocaine base	1 Lab.	
Subtotal Eastern Europe			1 Lab.	
Western Europe				
France	2002	Cocaine	1 Lab.	
Germany	2001	Cocaine	1 Lab.	
	2002		1 Lab.	
Spain	2001	Synthetic cocaine	1 Lab.	
	2001	Cocaine	4 Lab.	
Subtotal Western Europe			8 Lab.	
Total Europe			9 Lab.	
Coca group			4108 Lab.(18204.456 kg)	

3.3. Cannabis

3.3.1. Morocco

Until recently, the information available on cannabis cultivation in Morocco pointed to the fact that it had been increasing since the 1980's. However, estimates of the actual size of the area under cannabis cultivation and of the production of hashish in Morocco have been a debated and, at times, controversial. In February 2003, however, the Moroccan government signed a cooperation agreement with UNODC to conduct a survey on illicit drug production (cannabis) and organized crime in Morocco. The first survey on cannabis production was launched in July 2003.

Results of the 2003 UNODC Morocco Cannabis Survey

(1) Cannabis Cultivation

The survey estimated cannabis cultivation at about 134,000 hectares over the total area covered by the survey (14,000km^2, five provinces of the Northern Region). This represents 10% of the area surveyed, 27% of the arable lands of the surveyed territory, and 1.5% of Morocco's total arable land (8.7 million ha).

(2) Cannabis and cannabis resin production

The total potential production of raw cannabis was estimated to be around 47,000 metric tons and the potential cannabis resin production was estimated at 3,080 metric tons.

(3) Cannabis producers

In the cannabis production area, 75% of the douars (villages) and 96,600 farms were found to produce cannabis in 2003, representing a total population of about 800,000 persons (the 1994 census gave a figure of 1.65 million for the rural population in the area), i.e. 2.5% of Morocco's total population, estimated at 29.6 million in 2002.

(4) Cannabis producers' revenues

The average income per family generated by cannabis was estimated at Dh 20,900 (US$ 2,200) and represented on average half (51%) of the total annual income of a cannabis producing family in 2003 (Dh 41,335, US$ 4,351). By comparison, the average annual income of the 1,496,000 farms in Morocco was Dh 42,874 (US$ 4,513) i.e. more or less similar to the annual income of a cannabis producing family.

The total income per capita generated by cannabis was estimated at Dh 2,237 (US$ 267) for a total annual income of Dh 4,970 (US$ 523). In comparison, the GDP per capita was about Dh 12,000 (US$ 1,260) in Morocco in 2002.

(6) Trafficking and overall turnover of the market of cannabis resin (hashish) of Moroccan origin

In 2001, cannabis resin seizures by the Moroccan authorities amounted to 61.35 metric tons and ranked third after Spain and Pakistan. It represented 7% of the total cannabis resin seizures in the world. The fact that Spain came first (57% of the world seizures and 75% of the European seizures in 2001) is evidence of the importance of the Spanish territory as a transit zone for Moroccan hashish sold on the European market.

In 2002, around 735 mt of cannabis resins were seized in western Europe and 66 mt in Morocco (801 mt in total). Assuming roughly the same amount of cannabis resin would have been seized in 2003, around 2,300 metric tons would be left from the 2003 Moroccan cannabis resin production for consumption. Based on an average retail price of US$ 5.4 per gram in Western Europe in 2003, the total market turnover of Moroccan cannabis resin could be estimated at US$ 12 billion (i.e. Dh 114 billion, or 10 billion). Most of this turn-over is generated by the trafficking networks operating in the European markets. Because of the large degree of assumption, these estimates should be treated with caution.

Fact Sheet : Morocco 2003

Source: UNODC survey report, available at www.unodc.org/unodc/en/crop_monitoring

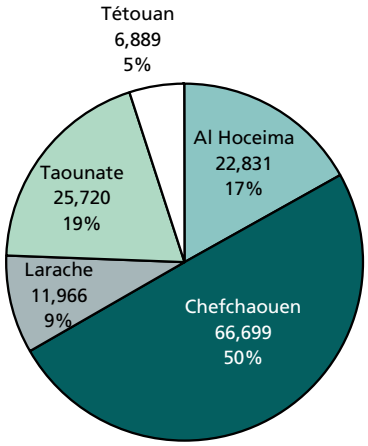
Cannabis cultivation:	134,000 ha (of which 12% on irrigated land)
Gross cannabis production:	47,400 metric tons
Potential resin production:	3,080 metric tons
Number of households cultivating cannabis:	96,600 households (66 % of the 146,000 rural households in the study area and 6.5 % of the 1,496,000 agricultural households in Morocco)
Total population involved in cannabis cultivation:	800,000 people (2.7 % of the country's population of 29.6 million in 2002)
Cannabis cultivation in % of the total arable land in the study area:	27 % (and 1.5 % of the 8.7 million of ha of arable land in Morocco)
Total farmers' income from cannabis:	Dh 2 billion / US$ 214 million
Average annual household income from cannabis:	Dh 20,900 / US$ 2,200 (out of a total annual household income of 41,335 Dh /US$ 4 352, or 51%)
Average cannabis income per capita:	Dh 2,536 / US$ 267 (out of a total annual income per capita of 4,970 Dh / US$ 523). (2002 GDP per capita: Dh 13,445 / US$ 1,260)
In % of 2002 Moroccan GDP :	0,57 % (with a GDP of US$ 37,3 billion)
2002 seizure of cannabis resin:	735 mt in Western Europe (¾ in Spain) 66 mt in Morocco
Annual turn-over of international trade in cannabis resin:	10 billion (equivalent to Dh 114 billion or about US$ 12 billion)

Graphs, tables, maps: Morocco 2003

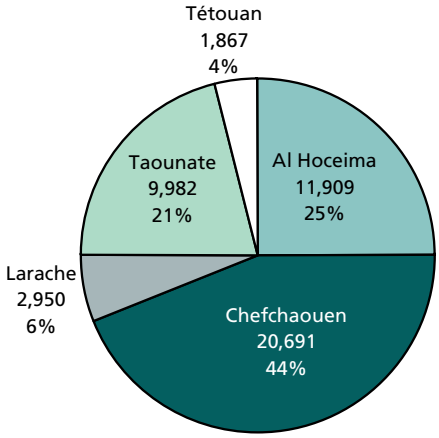
Morocco, provincial cannabis cultivation

Province	Total area (ha)	Area surveyed (ha)	Cannabis cultivation (ha)	Cannabis cultivation in % of surveyed area %
Al Hoceima	375,008	346,022	**22,831**	7%
Chefchaouen	529,503	529,503	**66,699**	13%
Larache	278,968	195,888	**11,966**	6%
Taounate	527,568	211,252	**25,720**	12%
Tétouan	245,771	94,157	**6,889**	7%
Total	**1,956,818**	**1,376,822**	**134,105**	**10%**

Morocco, provincial cannabis cultivation (ha) 2003



Morocco, provincial raw cannabis production (mt) 2003



Morocco, provincial raw cannabis production 2003

Province	Cannabis Yield (kg/ha)	
	Rainfed	Irrigated
Al Hoceima	428	945
Chefchaouen	292	504
Larache	239	295
Taounate	361	589
Tetouan	256	370
Average	**330**	**638**

Morocco, potential farmers income from cannabis 2003

Production	Raw cannabis (metric tons)	Equivalent in powder cannabis (metric tons)	Price (Dh / kg)	Estimated value (Dh)	Estimated value (US$)
66% raw cannabis	31,279	*2,033*	35	1,094,778,300	115,239,821
34% cannabis powder (sandouk)	16,113	1,046	900	941,705,065	99,126,849
Total (rounded)	**47,400**	**3,080**		**2,036,000,000**	**214,000,000**

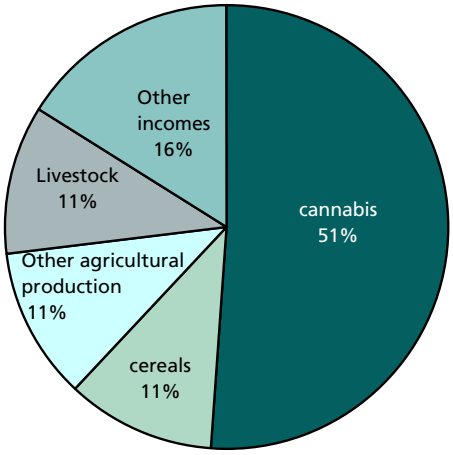
Morocco, number of farms and farmers cultivating cannabis 2003

Province	Total number of farmers surveyed	Number of farmers cultivating cannabis	% of farmers cultivating cannabis	Total number of farmers in the surveyed area	Estimated number of farmers cultivating cannabis	Average household size	Total population benefiting from cannabis cultivation
Al Hoceima	490	272	56	30,500	16,931	9.32	157,793
Chefchaouen	724	680	94	52,317	49,138	8.32	408,824
Larache	253	96	38	21,524	8,167	7.39	60,356
Taounate	463	229	49	33,965	16,799	8.11	136,241
Tetouan	177	113	64	8,735	5,577	7.3	40,709
Total	**2,107**	**1,390**	**66**	**147,041**	**96,612**	**8.03**	**803,923**

Morocco, share of cannabis in the household cannabis farmer's income (in %) 2003

Provinces	Cannabis	Cereales	Other agricultural productions	Livestock	Other incomes
Al Hoceima	62	11	7	8	11
Chefchaouen	62	11	6	8	12
Larache	15	12	26	30	17
Taounate	33	10	18	6	32
Tetouan	39	13	14	16	18
Average	**51**	**11**	**11**	**11**	**16**

Morocco, share of cannabis in the cannabis farmer's household income 2003



Morocco, average cannabis parcel size (ha) 2003

Province	Ha
Al Hoceima	0,19
Chefchaouen	0,37
Larache	0,77
Taounate	0,32
Tetouan	0,40
Five provinces	**0,30**

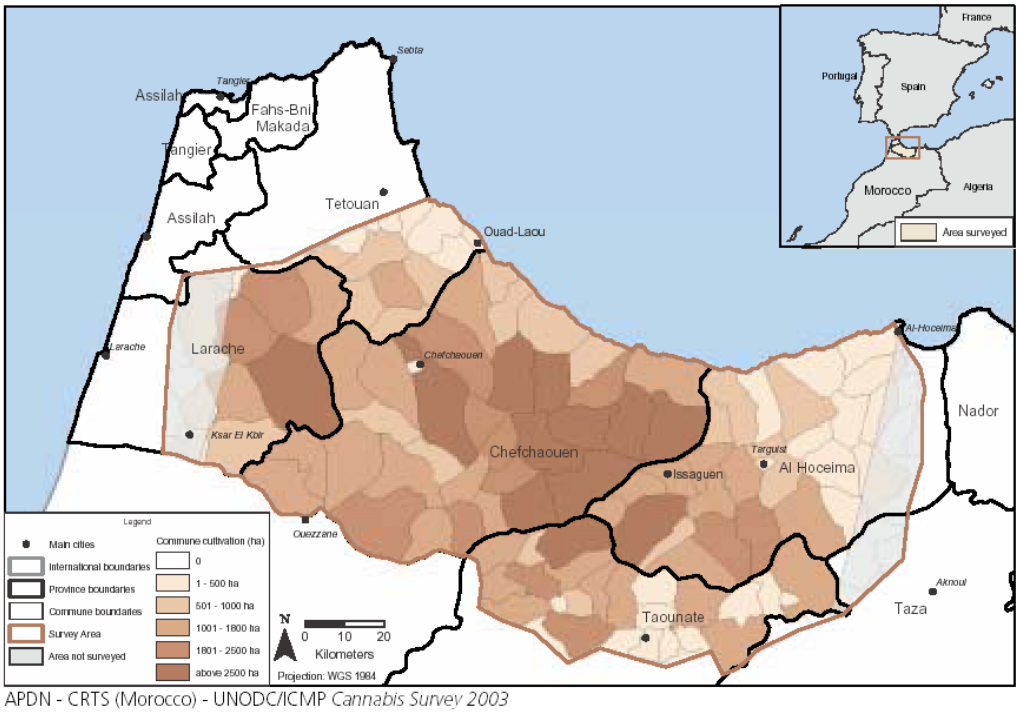
Morocco, average cannabis area per farmer 2003

Province	Average cannabis area per farmer	
	Rainfed (ha)	Irrigated (ha)
Al Hoceima	1,9	0,5
Chefchaouen	1,4	0,2
Larache	1,4	0,2
Taounate	0,8	0,1
Tetouan	0,8	0,2
Moyenne	1,3	0,3

Morocco, comparing incomes from rainfed cannabis and rainfed barley per hectare 2003

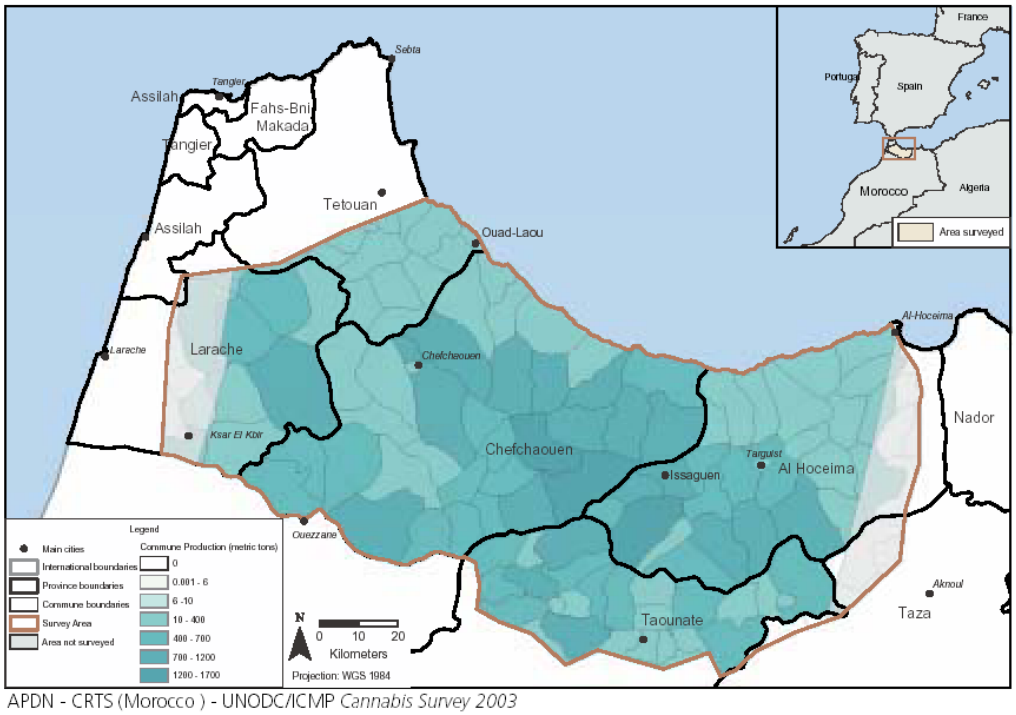
Province	Cannabis price (Dh /kg)	Yield rainfed cannabis (kg /ha)	Income rainfed cannabis (Dh/ha)	Barley price (Dh/kg)	Yield rainfed barley (kg/ha)	Income rainfed barley (Dh/ha)
Al Hoceima	38.11	428	16,311	2	870	1,740
Chefchaouen	31.34	292	9,151	2	690	1,380
Larache	30.00	239	7,170	2	550	1,100
Taounate	41.76	361	15,075	2	700	1,400
Tetouan	42.66	256	10,920	2	690	1,380
Average	**35.26**	**330**	**11,635**	**2**	**730**	**1,460**

Morocco, Northern Provinces: Cannabis cultivation in 2003 (per commune)



APDN - CRTS (Morocco) - UNODC/ICMP *Cannabis Survey 2003*

Morocco, Northern Provinces: Cannabis production in 2003 (per commune)



APDN - CRTS (Morocco) - UNODC/ICMP *Cannabis Survey 2003*

3.3.2. Seizure of Illicit laboratories

MANUFACTURE
SEIZURES OF ILLICIT LABORATORIES
REPORTED FOR 2001 - 2002

Remark: For convenience, an attempt was made to group the reported estimates by drug categories. however, due to inconsistencies and gaps in the reporting, no overall analysis of the data set was performed. Numbers are presented as reported to UNODC and should be interpreted with caution.

Source: Annual Report Questionnaire if not otherwise indicated

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
CANNABIS GROUP				
Americas				
North America				
Canada	2002		1 Lab.	
Subtotal North America			1 Lab.	
Total Americas			1 Lab.	
Europe				
Eastern Europe				
Bulgaria	2001	Cannabis liquid	1 Lab.	
Poland	2002	Cannabis	32 Lab.	
Russian Federation	2001	Cannabis herb	137 Lab.(920.549 kg)	
	2002	Cannabis herb	121 Lab.	
Subtotal Eastern Europe			291 Lab.(920.549 kg)	
Western Europe				
Denmark	2001	Cannabis resin	1 Lab.	
Subtotal Western Europe			1 Lab.	
Total Europe			292 Lab.(920.549 kg)	
Cannabis group			293 Lab.(920.549 kg)	

3.4. Amphetamine-type stimulants

3.4.1. Seizure of Illicit laboratories

MANUFACTURE
SEIZURES OF ILLICIT LABORATORIES
REPORTED FOR 2001 - 2002

Remark: For convenience, an attempt was made to group the reported estimates by drug categories. however, due to inconsistencies and gaps in the reporting, no overall analysis of the data set was performed. Numbers are presented as reported to UNODC and should be interpreted with caution.

Source: Annual Report Questionnaire if not otherwise indicated

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
COMBINED AMPHETAMINE, METHAMPHETAMINE GROUP				
Europe				
Eastern Europe				
Lithuania	2002	Amphetamine, methamphetamine	2 Lab.(1460.000 kg)	
Russian Federation	2001	Methamphetamine, methcathinone and amphetamine	71 Lab.(0.061 kg)	
Subtotal Eastern Europe			73 Lab.(1460.061 kg)	
Total Europe			73 Lab.(1460.061 kg)	
Oceania				
Oceania				
Australia	2001	Methamphetamine, amphetamine	201 Lab*.	
	2002	Methamphetamine, amphetamine	240 Lab*.	
Subtotal Oceania			441 Lab.	
Total Oceania			441 Lab.	
Combined amphetamine, methamphetamine group			514 Lab.(1460.061 kg)	
AMPHETAMINE GROUP				
Americas				
North America				
United States	2001	Amphetamine	52 Lab.(5.300 kg)	
	2002	Amphetamine	0 Lab.(0.000 kg)	
Subtotal North America			52 Lab.(5.300 kg)	
South America				
Chile	2002	Amphetamine	1 Lab.	
Subtotal South America			1 Lab.	
Total Americas			53 Lab.(5.300 kg)	
Europe				
Eastern Europe				
Bulgaria	2002	Amphetamine	2 Lab.(1500.000 kg)	
Estonia	2002	Amphetamine	1 Lab.	
Poland	2001	Amphetamine	12 Lab.(86.000 kg)	
	2002	Amphetamine	15 Lab.	
Russian Federation	2002	Amphetamine	97 Lab.	
Subtotal Eastern Europe			127 Lab.(1586.000 kg)	

* Fiscal year 2001: July 2000 - June 2001; ** Fiscal year 2002: July 2001 - June 2002

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
Western Europe				
Belgium	2001	Amphetamine	1 Lab.	
	2002	Amphetamine	1 Lab.	
	2002		1 Lab.	
Denmark	2001	Amphetamine	1 Lab.	
France	2002	Amphetamine	1 Lab.	
Germany	2001	Amphetamine	1 Lab.	
	2002		2 Lab.	
Netherlands	2001	Amphetamine	10 Lab.	
	2002	Amphetamine	10 Lab.	
Sweden	2001	Amphetamine	3 Lab.	
United Kingdom	2001	Amphetamine	5 Lab.	
	2002	Amphetamine	1 Lab.	
Subtotal Western Europe			37 Lab.	
Total Europe			164 Lab.(1586.000 kg)	
Amphetamine group			217 Lab.(1591.300 kg)	
		METHAMPHETAMINE GROUP		
Africa				
Southern Africa				
South Africa	2002	Methamphetamine	1 Lab.	
Subtotal Southern Africa			1 Lab.	
Total Africa			1 Lab.	
Americas				
North America				
Canada	2001	Methamphetamine	13 Lab.	
	2002	Methamphetamine	14 Lab.	
Mexico	2001	Methamphetamine	19 Lab.	
	2002	Methamphetamine	10 Lab.	
United States	2001	Methamphetamine	7990 Lab.(865.400 kg)	
	2002	Methamphetamine	9024 Lab.(3367.000 kg)	
Subtotal North America			17070 Lab.(4232.400 kg)	
Total Americas			17070 Lab.(4232.400 kg)	
Asia				
East and South-East Asia				
China	2001	Methamphetamine	44 Lab.	
	2002	Methamphetamine	13 Lab.	
Korea (Republic of)	2001	Methamphetamine	1 Lab.(10.000 kg)	
Myanmar	2001	Methamphetamine	5 Lab.	
	2002	Methamphetamine	4 Lab.	
Philippines	2001	Methamphetamine	3 Lab.	
	2002	Methamphetamine	4 Lab.	
Thailand	2001	Methamphetamine	10 Lab.	Govt.
Subtotal East and South-East Asia			84 Lab.(10.000 kg)	
Total Asia			84 Lab.(10.000 kg)	
Europe				
Eastern Europe				
Bulgaria	2001	Methamphetamine	1 Lab.	INCB
Czech Republic	2001	Methamphetamine	28 Lab.	

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
Czech Republic	2002	Methamphetamine	104 Lab.	
Slovakia	2001	Methamphetamine	10 Lab.	
Subtotal Eastern Europe			143 Lab.	
Western Europe				
Germany	2001	Methamphetamine	3 Lab.	
	2002	Methamphetamine	2 Lab.	
Subtotal Western Europe			5 Lab.	
Total Europe			148 Lab.	
Oceania				
Oceania				
New Zealand	2001	Methamphetamine	39 Lab.	
	2002	Methamphetamine	147 Lab.	
Subtotal Oceania			186 Lab.	
Total Oceania			186 Lab.	
Methamphetamine group			17489 Lab.(4242.400 kg)	
		ECSTASY GROUP		
Africa				
Southern Africa				
South Africa	2001	MDMA	5 Lab.(857.000 kg)	
Subtotal Southern Africa			5 Lab.(857.000 kg)	
Total Africa			5 Lab.(857.000 kg)	
Americas				
North America				
Canada	2001	MDA	2 Lab.	
	2002	MDMA	8 Lab.	
Mexico	2002	MDMA	1 Lab.	
United States	2001	MDMA	17 Lab.(4.400 kg)	
	2002	MDMA	9 Lab.(1.500 kg)	
Subtotal North America			37 Lab.(5.900 kg)	
Total Americas			37 Lab.(5.900 kg)	
Asia				
East and South-East Asia				
China	2002		11 Lab.	
Hong Kong SAR, China	2001	MDMA	3 Lab.	
Indonesia	2001	MDMA (Ecstasy)	9 Lab.	
	2002		2 Lab.	
Subtotal East and South-East Asia			25 Lab.	
Total Asia			25 Lab.	
Europe				
Eastern Europe				
Estonia	2002	MDMA	1 Lab.	
Subtotal Eastern Europe			1 Lab.	
Western Europe				
Belgium	2001	MDMA (Ecstasy)	3 Lab.	
	2001	MDMA powder	1 Lab.	
	2002		4 Lab.	
France	2002	MDMA	1 Lab.	

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
Germany	2001	MDMA	2 Lab.	
Netherlands	2001	MDMA	25 Lab.	
	2002	MDMA	18 Lab.	
United Kingdom	2001	MDMA (Ecstasy)	1 Lab.	
	2002		1 Lab.	
	2002	MDMA	2 Lab.(4160000 u.)	
Subtotal Western Europe			58 Lab.(4160000 u.)	
Total Europe			59 Lab.(4160000 u.)	
Oceania				
Oceania				
New Zealand	2001	MDMA (Ecstasy)	2 Lab.	
Subtotal Oceania			2 Lab.	
Total Oceania			2 Lab.	
Ecstasy group			128 Lab.(862.900 kg)(4160000 u.)	

3.5. Other Drugs

3.5.1. Seizures of Illicit Laboratories

MANUFACTURE
SEIZURES OF ILLICIT LABORATORIES
REPORTED FOR 2001 - 2002

Remark: For convenience, an attempt was made to group the reported estimates by drug categories. however, due to inconsistencies and gaps in the reporting, no overall analysis of the data set was performed. Numbers are presented as reported to UNODC and should be interpreted with caution.

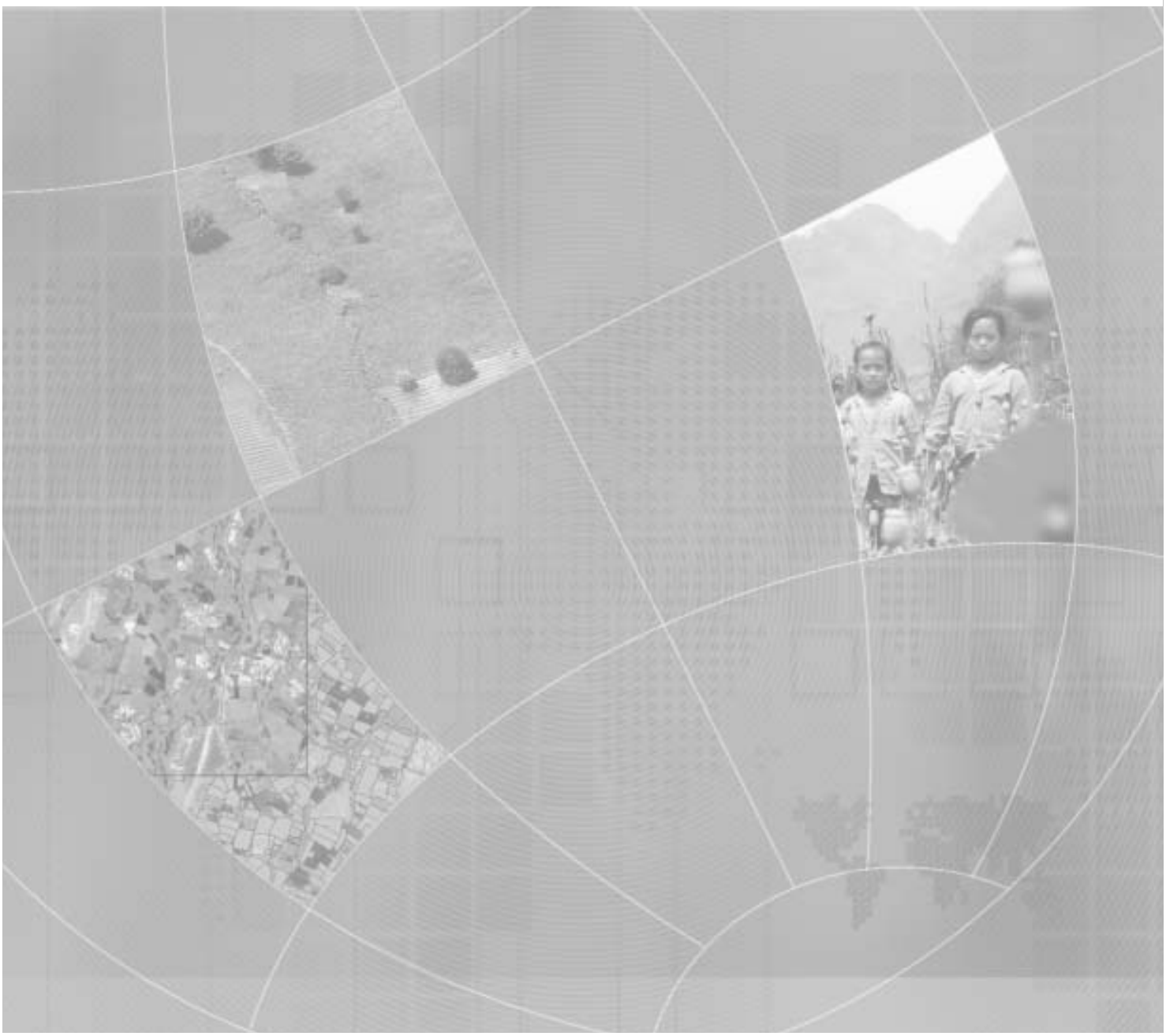
Source: Annual Report Questionnaire if not otherwise indicated

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
OTHER SYNTHETIC STIMULANTS				
Africa				
Southern Africa				
South Africa	2002	Methcathinone	13 Lab.	
Subtotal Southern Africa			13 Lab.	
Total Africa			13 Lab.	
Americas				
North America				
United States	2001	Methcathinone	4 Lab.(0.172 kg)	
	2002	Methcathinone	9 Lab.(1.190 kg)	
Subtotal North America			13 Lab.(1.362 kg)	
South America				
Colombia	2001	Synthetic drugs	1 Lab.	
	2002		1 Lab.	
Subtotal South America			2 Lab.	
Total Americas			15 Lab.(1.362 kg)	
Europe				
Western Europe				
Netherlands	2002		1 Lab.	
Subtotal Western Europe			1 Lab.	
Total Europe			1 Lab.	
Other synthetic stimulants			29 Lab.(1.362 kg)	
DEPRESSANT GROUP				
Africa				
Southern Africa				
South Africa	2001	Methaqualone	5 Lab.(198419 u.)	
	2002	Methaqualone	4 Lab.	
	2002	GHB	1 Lab.	
Subtotal Southern Africa			10 Lab.(198419 u.)	
Total Africa			10 Lab.(198419 u.)	
Americas				
North America				
Canada	2002		2 Lab.	
United States	2002	GHB	7 Lab.(1.360 kg)	
Subtotal North America			9 Lab.(1.360 kg)	

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
Total Americas			9 Lab.(1.360 kg)	
Asia				
East and South-East Asia				
China	2002	Methaqualone	1 Lab.	
Subtotal East and South-East Asia			1 Lab.	
South Asia				
India	2002	Methaqualone	1 Lab.(442.000 kg)	
Subtotal South Asia			1 Lab.(442.000 kg)	
Total Asia			2 Lab.(442.000 kg)	
Europe				
Eastern Europe				
Estonia	2002	GHB	1 Lab.	
Subtotal Eastern Europe			1 Lab.	
Total Europe			1 Lab.	
Depressant group			22 Lab.(443.360 kg)(198419 u.)	
		HALLUCINOGEN GROUP		
Americas				
North America				
Canada	2002		2 Lab.	
United States	2001	Phencyclidine (PCP)	4 Lab.	
	2002		6 Lab.(8.000 kg)	
Subtotal North America			12 Lab.(8.000 kg)	
Total Americas			12 Lab.(8.000 kg)	
Europe				
Western Europe				
Denmark	2001	LSD	1 Lab.	
Germany	2002		1 Lab.	
Subtotal Western Europe			2 Lab.	
Total Europe			2 Lab.	
Hallucinogen group			14 Lab.(8.000 kg)	
		OTHER		
Europe				
Eastern Europe				
Estonia	2002		1 Lab.	
Russian Federation	2001	Other drugs	300 Lab.	
Subtotal Eastern Europe			301 Lab.	
Total Europe			301 Lab.	
Other			301 Lab.	
		UNSPECIFIED		
Americas				
South America				
Peru	2002	unknown	238 Lab.	
Subtotal South America			238 Lab.	
Total Americas			238 Lab.	
Europe				

Country or Territory	Year	Name of drug seized	Number of laboratories (and quantity of drug)	Source
Western Europe				
Netherlands	2002	Unspecified	15 Lab.	Govt
Spain	2002	Unspecified	8 Lab.	
Subtotal Western Europe			23 Lab.	
Total Europe			23 Lab.	
Unspecified			261 Lab.	

4. SEIZURES



4.1. Opiates: Seizures 1997-2002

SEIZURES, 1997 - 2002

Opium (raw and prepared)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Mauritius	No Report	No Report	No Report	No Report	0.001 kg	No Report
Sub-Total					0.001 kg	
North Africa						
Egypt	31.156 kg	25.894 kg	24.702 kg	75.283 kg	40.000 kg	33.000 kg
Tunisia	No Report	No Report	No Report	0.017 kg ICPO	No Report	No Report
Sub-Total	31.156 kg	25.894 kg	24.702 kg	75.300 kg	40.000 kg	33.000 kg
Southern Africa						
Zambia	0.102 kg Govt	6.770 kg Govt	8.622 kg	0.000 kg Govt	0.000 kg Govt	No Report
Sub-Total	0.102 kg	6.770 kg	8.622 kg			
West and Central Africa						
Benin	No Report	No Report	No Report	No Report	0.414 kg ICPO	No Report
Niger	No Report	No Report	0.013 kg ICPO	No Report	No Report	No Report
Sub-Total			0.013 kg		0.414 kg	
Total region	31.258 kg	32.664 kg	33.337 kg	75.300 kg	40.415 kg	33.000 kg
AMERICAS						
Caribbean						
Netherlands Antilles	No Report	No Report	No Report	No Report	No Report	0.440 kg ICPO
Sub-Total						0.440 kg
North America						
Canada	11.925 kg	61.310 kg	57.000 kg 10061 u.	18.788 kg 140 u.	27.307 kg	12.320 kg 1313 u.
Mexico *	342.081 kg	149.640 kg	801.180 kg	469.445 kg	516.369 kg	309.902 kg
United States	39.010 kg	No Report	68.970 kg	No Report	24.500 kg	95.779 kg
Sub-Total	393.016 kg	210.950 kg	927.150 kg 10061 u.	488.233 kg 140 u.	568.176 kg	418.001 kg 1313 u.
South America						
Colombia	121.550 kg	99.950 kg	29.203 kg	16.063 kg	3.700 kg	110.000 kg
Peru	No Report	11.528 kg	No Report	No Report	146.950 kg	244.753 kg
Sub-Total	121.550 kg	111.478 kg	29.203 kg	16.063 kg	150.650 kg	354.753 kg
Total region	514.566 kg	322.428 kg	956.353 kg 10061 u.	504.296 kg 140 u.	718.826 kg	773.194 kg 1313 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	2.054 kg	No Report	2.032 kg Govt.	2.188 kg	0.090 kg	0.078 kg
Azerbaijan	83.328 kg ICPO	48.541 kg	52.218 kg	87.617 kg ICPO	10.500 kg	0.127 kg
Georgia	No Report	No Report	14.700 kg ICPO	33.500 kg ICPO	No Report	No Report
Kazakhstan	1000.000 kg Govt.	296.574 kg	170.236 kg	136.000 kg F.O	36.000 kg F.O	13.571 kg F.O

Source: Annual Report Questionnaire if not otherwise indicated

* Seizures refer to opium latex

SEIZURES, 1997 - 2002

Opium (raw and prepared)

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Central Asia and Transcaucasian countries						
Kyrgyzstan	1639.476 kg	171.872 kg	151.174 kg	1405.232 kg	469.225 kg	109.295 kg
Tajikistan	3455.510 kg F.O	1190.400 kg	1269.278 kg F.O	4778.448 kg F.O	3664.277 kg	1624.101 kg
Turkmenistan	1410.000 kg Govt.	1412.000 kg Govt.	4600.000 kg F.O	2300.000 kg F.O	No Report	1200.000 kg F.O
Uzbekistan	2364.167 kg	1935.315 kg	3292.342 kg	2008.200 kg	241.680 kg F.O	76.000 kg F.O
Sub-Total	9954.535 kg	5054.702 kg	9551.979 kg	10751.190 kg	4421.772 kg	3023.172 kg
East and South-East Asia						
Cambodia	15.006 kg ICPO	No Report	No Report	No Report	No Report	No Report
China	1880.000 kg	1215.000 kg	1193.000 kg ICPO	2428.000 kg Govt.	2820.000 kg Govt.	1219.300 kg
Hong Kong SAR, China	3.400 kg	No Report	0.100 kg	0.090 kg	2.500 kg	No Report
Indonesia	No Report	0.030 kg HNLP	3.097 kg HNLP	0.034 kg ICPO	0.009 kg	No Report
Japan	39.061 kg	19.811 kg	7.688 kg	8.979 kg	11.020 kg	57.700 kg 1 u.
Korea (Republic of)	6.805 kg	1.035 kg	3.064 kg	14996 u. ICPO	0.218 kg	0.258 kg ICPO
Lao People's Dem. Rep.	200.100 kg Govt.	442.000 kg INCSR	225.800 kg HNLP	78.000 kg INCSR	372.600 kg Govt	123.150 kg
Malaysia	150.311 kg	32.747 kg	21.066 kg	0.710 kg	69.270 kg ICPO	No Report
Myanmar	7883.975 kg	5705.881 kg	1759.538 kg	1773.652 kg	1770.773 kg	1989.222 kg
Singapore	1.545 kg	22.781 kg	98.144 kg	4.504 kg	13.375 kg	No Report
Thailand	1150.582 kg	1631.124 kg	421.939 kg	1595.000 kg HNLP	2289.000 kg HNLP	3458.000 kg ICPO
Viet Nam	No Report	No Report	495.350 kg F.O	460.000 kg ICPO	583.005 kg	No Report
Sub-Total	11330.790 kg	9070.408 kg	4228.786 kg	6348.969 kg 14996 u.	7931.770 kg	6847.630 kg 1 u.
Near and Middle East /South-West Asia						
Afghanistan	No Report	No Report	No Report	No Report	No Report	5581.615 kg
Bahrain	0.007 kg	0.014 kg ICPO	0.323 kg ICPO	0.001 kg ICPO	No Report	0.007 kg
Iran (Islamic Republic of)	162413.953 kg	154453.569 kg	204485.000 kg	179053.000 kg NAPOL	∂1061.000 kg	72856.000 kg Govt
Iraq	4.815 kg	No Report	No Report	10.511 kg	0.993 kg	No Report
Israel	5.100 kg	0.556 kg	0.005 kg ICPO	0.194 kg	4.405 kg	0.006 kg
Jordan	22.671 kg	No Report	61.700 kg	No Report	0.327 kg	19.326 kg
Kuwait	11.710 kg ICPO	4.720 kg	14.000 kg INCB	32.500 kg ICPO	No Report	6.367 kg ICPO
Lebanon	7.625 kg	No Report	44.226 kg	0.052 kg	7.028 kg	0.762 kg
Oman	0.060 kg INCB	No Report	No Report	1.647 kg ICPO	0.308 kg	0.591 kg
Pakistan	7300.000 kg Govt.	5021.712 kg	16319.918 kg	8867.407 kg	5175.000 kg F.O	2686.257 kg
Qatar	0.962 kg ICPO	0.030 kg ICPO	0.100 kg ICPO	2.700 kg ICPO	No Report	0.225 kg
Saudi Arabia	16.127 kg ICPO	16.721 kg (1	No Report	13.472 kg	0.954 kg	4.561 kg ICPO
Syrian Arab Republic	6.003 kg Govt	1.200 kg Govt	5.876 kg Govt	35.400 kg Govt	1.862 kg Govt	16.066 kg
United Arab Emirates	3.822 kg	9.717 kg	8.389 kg	27.236 kg	8.899 kg	22.669 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (raw and prepared)

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
Sub-Total	169792.800 kg	159508.300 kg	220939.500 kg	188044.100 kg	86260.770 kg	81194.470 kg
South Asia						
Bangladesh	No Report	No Report	0.072 kg F.O	No Report	11.535 kg ICPO	0.023 kg
India	3316.000 kg	2031.000 kg	1588.000 kg	2684.000 kg	2533.000 kg	1867.000 kg
Nepal	No Report	0.950 kg	1.440 kg	No Report	No Report	No Report
Sri Lanka	1571 u.	0.020 kg	0.008 kg	36.452 kg	1.658 kg	16.800 kg
Sub-Total	3316.000 kg 1571 u.	2031.970 kg	1589.520 kg	2720.452 kg	2546.193 kg	1883.823 kg
Total region	194394.200 kg 1571 u.	175665.300 kg	236309.800 kg	207864.700 kg 14996 u.	101160.500 kg	92949.090 kg 1 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	0.026 kg ICPO	No Report	No Report	No Report
Belarus	1.124 kg INCB	0.001 kg	0.033 kg	0.090 kg	1381.000 kg ICPO	0.056 kg
Bosnia Herzegovina	No Report	No Report	No Report	No Report	No Report	0.074 kg ICPO
Bulgaria	8.240 kg	1.970 kg	4.466 kg	No Report	1.980 kg	1.440 kg
Croatia	0.001 kg	(2	0.103 kg	0.011 kg	No Report	No Report
Estonia	No Report	No Report	No Report	19.426 kg 20 u.	No Report	169.509 kg ICPO
FYR of Macedonia	44.783 kg NAPOL	19.985 kg	12.239 kg NAPOL	27.395 kg NAPOL	3.494 kg Govt	22.930 kg
Hungary	No Report	No Report	2.149 kg	17.905 kg	0.003 kg	0.892 kg
Latvia	0.230 kg	0.755 kg	0.005 kg	0.005 kg	No Report	No Report
Lithuania	0.236 kg	0.101 kg	0.190 kg	0.129 kg	436.505 kg	261.373 kg
Poland	No Report	No Report	No Report	55.000 kg	No Report	16.000 kg
Republic of Moldova	20.000 kg	No Report	28.000 kg ICPO	1485.000 kg ICPO 98.550 lt.	1891.000 kg	1505.000 kg Govt
Romania	2.488 kg ICPO	0.728 kg	2.470 kg	0.060 kg	15.530 kg	0.794 kg
Russian Federation	222.706 kg	1803.700 kg F.O	1506.966 kg	2186.000 kg F.O	862.645 kg	445.254 kg F.O
Serbia and Montenegro	No Report	No Report	No Report	No Report	No Report	0.587 kg
Ukraine	No Report	No Report	No Report	166.056 kg ICPO	151.009 kg	42.000 kg
Sub-Total	299.808 kg	1827.240 kg	1556.647 kg	3957.077 kg 98.550 lt. 20 u.	4743.166 kg	2465.909 kg
Western Europe						
Austria	9.041 kg	10.447 kg	33.646 kg	69.873 kg	4.488 kg	25.160 kg
Belgium	No Report	0.011 kg	0.200 kg	No Report	No Report	
Cyprus	1.913 kg	0.021 kg	0.062 kg	0.575 kg	0.367 kg	No Report
Denmark	0.105 kg	5.428 kg	0.330 kg	1.405 kg	5.000 kg	5.274 kg
Finland	No Report	0.007 kg	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (raw and prepared)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
France	2.696 kg	3.194 kg	0.503 kg	18.701 kg	2.720 kg	1.376 kg
Germany	41.656 kg	286.074 kg	79.500 kg	30.900 kg	4.115 kg	62.674 kg
Greece	2.559 kg	No Report	46.208 kg ICPO	1.742 kg	0.955 kg	No Report
Italy	9.821 kg 54 u.	2.895 kg	0.401 kg ICPO	28.672 kg	0.189 kg 6 u.	0.539 kg 17 u.
Norway	0.023 kg	2.498 kg	1.661 kg	9.800 kg	3.214 kg	0.121 kg
Portugal	0.012 kg	0.001 kg	No Report	2.850 kg ICPO	0.015 kg 77 u.	0.082 kg 1014 u.
Spain	26.287 kg	0.002 kg	1.080 kg	5.264 kg	84.900 kg	0.153 kg
Sweden	7.709 kg 139 u.	15.641 kg	9.867 kg	24.030 kg	16.153 kg	10.100 kg
Switzerland	0.042 kg	0.015 kg	0.775 kg	0.009 kg ICPO	No Report	0.005 kg
Turkey	93.356 kg	141.665 kg	318.624 kg	362.950 kg Govt.	261.176 kg	161.054 kg
United Kingdom	17.800 kg	54.263 kg	37.700 kg NCIS	18.481 kg	34.971 kg	34.971 kg (3
Sub-Total	213.020 kg 193 u.	522.162 kg	530.557 kg	575.252 kg	418.263 kg 83 u.	301.509 kg 1031 u.
Total region	512.828 kg 193 u.	2349.402 kg	2087.204 kg	4532.329 kg 98.550 lt. 20 u.	5161.429 kg 83 u.	2767.418 kg 1031 u.
OCEANIA						
Oceania						
Australia	2.095 kg	No Report	3.000 kg INCB	2.279 kg	68.410 kg 397 u.	12.535 kg
New Zealand	0.016 kg INCB	0.006 kg	No Report	No Report	0.008 kg	0.004 kg
Sub-Total	2.111 kg	0.006 kg	3.000 kg	2.279 kg	68.418 kg 397 u.	12.539 kg
Total region	2.111 kg	0.006 kg	3.000 kg	2.279 kg	68.418 kg 397 u.	12.539 kg
TOTAL	195454.900 kg 1764 u.	178369.800 kg	239389.700 kg 10061 u.	212978.900 kg 98.550 lt. 15156 u.	107149.600 kg 480 u.	96535.250 kg 2345 u.

1) Including other opiates. 2) Small quantity. 3) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (liquid)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
North Africa						
Egypt	0.009 lt.	0.030 lt.	0.001 lt.	0.005 lt.	No Report	No Report
Sub-Total	0.009 lt.	0.030 lt.	0.001 lt.	0.005 lt.		
Total region	0.009 lt.	0.030 lt.	0.001 lt.	0.005 lt.		
AMERICAS						
Caribbean						
Cayman Islands	No Report	No Report	No Report	0.628 kg 1 u.	No Report	No Report
Sub-Total				0.628 kg 1 u.		
South America						
Peru	No Report	No Report	66.088 kg	508.358 kg	No Report	No Report
Sub-Total			66.088 kg	508.358 kg		
Total region			66.088 kg	508.986 kg 1 u.		
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	2.000 kg	No Report	0.002 kg	No Report	No Report
Kazakhstan	No Report	1.265 kg	No Report	No Report	No Report	No Report
Kyrgyzstan	15000 u.	No Report	No Report	No Report	No Report	No Report
Sub-Total	15000 u.	3.265 kg		0.002 kg		
East and South-East Asia						
Hong Kong SAR, China	No Report	No Report	No Report	2 u.	No Report	No Report
Indonesia	No Report	0.030 kg	3.097 kg	0.034 kg	No Report	No Report
Japan	No Report	0.130 lt.	No Report	No Report	No Report	No Report
Lao People's Dem. Rep.	No Report	No Report	No Report	No Report	No Report	98.000 lt.
Myanmar	1027.685 kg	383.251 kg	332.495 kg	16.086 kg	18.684 kg	18.025 kg
Sub-Total	1027.685 kg	383.281 kg 0.130 lt.	335.592 kg	16.120 kg 2 u.	18.684 kg	18.025 kg 98.000 lt.
Near and Middle East /South-West Asia						
Jordan	No Report	No Report	No Report	41.150 kg	No Report	No Report
Lebanon	No Report	35.840 kg	No Report	0.000 kg[1]	No Report	No Report
Sub-Total		35.840 kg		41.150 kg		
Total region	1027.685 kg 15000 u.	422.386 kg 0.130 lt.	335.592 kg	57.272 kg 2 u.	18.684 kg	18.025 kg 98.000 lt.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (liquid)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Belarus	No Report	330.882 kg	244.034 kg [2]	220.520 kg	No Report	334.225 kg [3]
Croatia	2.000 lt.	8.600 lt.	No Report	1.500 kg	No Report	No Report
Estonia	No Report	19.200 kg 293 u.	0.276 kg 61 u.	0.027 kg 19 u.	No Report	No Report
Latvia	0.133 lt.	64.800 kg	17.300 kg	7.170 kg	No Report	No Report
Lithuania	86.000 lt.	49.490 lt.	190.000 lt.	77.000 lt.	No Report	No Report
Republic of Moldova	No Report	13.480 kg	No Report	No Report	No Report	No Report
Ukraine	171.200 kg	127.000 kg	No Report	No Report	No Report	No Report
Sub-Total	171.200 kg 88.133 lt.	555.362 kg 58.090 lt. 293 u.	261.610 kg 190.000 lt. 61 u.	229.217 kg 77.000 lt. 19 u.		334.225 kg
Western Europe						
Austria	No Report	No Report	No Report	0.075 kg	No Report	No Report
Denmark	0.030 kg	0.004 kg	2.640 kg	No Report	No Report	No Report
Italy	No Report	No Report	No Report	35 u.	No Report	No Report
Sweden	No Report	0.326 lt.	16.000 lt.	0.018 kg	No Report	No Report
Sub-Total	0.030 kg	0.004 kg 0.326 lt.	2.640 kg 16.000 lt.	0.093 kg 35 u.		
Total region	171.230 kg 88.133 lt.	555.366 kg 58.416 lt. 293 u.	264.250 kg 206.000 lt. 61 u.	229.310 kg 77.000 lt. 54 u.		334.225 kg
OCEANIA						
Oceania						
Australia	1.630 kg	No Report	No Report	No Report	No Report	No Report
Sub-Total	1.630 kg					
Total region	1.630 kg					
TOTAL	1200.545 kg 88.142 lt. 15000 u.	977.752 kg 58.576 lt. 293 u.	665.930 kg 206.001 lt. 61 u.	795.568 kg 77.005 lt. 57 u.	18.684 kg	352.250 kg 98.000 lt.

1) Small quantity. 2) Includes liquid heroin (1.160kg) 3) poppy brew

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (plant,capsule)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
North Africa						
Egypt	No Report	0.352 kg 30214000 u.	14.552 kg	No Report	No Report	No Report
Sub-Total		0.352 kg 30214000 u.	14.552 kg			
West and Central Africa						
Niger	No Report	0.040 kg ICPO	No Report	No Report	No Report	No Report
Sao Tome and Principe	0.300 kg	No Report	0.300 kg	No Report	No Report	No Report
Sub-Total	0.300 kg	0.040 kg	0.300 kg			
Total region	0.300 kg	0.392 kg 30214000 u.	14.852 kg			
AMERICAS						
Central America						
Guatemala	2.600 kg Govt. 69119 u.	114238 u.	23100 u.	20619 u.	No Report	No Report
Sub-Total	2.600 kg 69119 u.	114238 u.	23100 u.	20619 u.		
North America						
Canada	18 u.	2.016 kg	15000 u.	No Report	No Report	No Report
United States	50.685 kg 0.109 lt.	No Report	No Report	No Report	No Report	No Report
Sub-Total	50.685 kg 0.109 lt. 18 u.	2.016 kg	15000 u.			
South America						
Argentina	2.470 kg	408 u.	No Report	No Report	No Report	No Report
Colombia	104818496 u.	No Report	No Report	No Report	No Report	No Report
Ecuador	No Report	100873 u.	No Report	No Report	No Report	No Report
Peru	1754 u.	964 u.	63703.614 kg	20837.016 kg	No Report	No Report
Sub-Total	2.470 kg 104820200 u.	102245 u.	63703.610 kg	20837.020 kg		
Total region	55.755 kg 0.109 lt. 104889400 u.	2.016 kg 216483 u.	63703.610 kg 38100 u.	20837.020 kg 20619 u.		
ASIA						
Central Asia and Transcaucasian countries						
Armenia	4.460 kg	18.725 kg	No Report	No Report	No Report	No Report
Azerbaijan	38750.000 kg ICPO	6.200 kg	No Report	No Report	No Report	No Report
Georgia	No Report	7.500 kg ICPO	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (plant,capsule)

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Central Asia and Transcaucasian countries						
Kazakhstan	No Report	113.895 kg	No Report	No Report	No Report	No Report
Tajikistan	No Report	No Report	No Report	No Report	No Report	143.141 kg (1)
Uzbekistan	118.285 kg	54.496 kg	No Report	14.700 kg	No Report	No Report
Sub-Total	38872.750 kg	200.816 kg		14.700 kg		143.141 kg
East and South-East Asia						
Hong Kong SAR, China	No Report	No Report	32 u.	3.001 kg	No Report	No Report
Indonesia	1620 u.	0.030 kg	No Report	No Report	No Report	No Report
Japan	6803 u.	0.063 kg 6807 u.	No Report	0.022 kg 11571 u.	No Report	0.091 kg 1424 u.
Korea (Republic of)	24301 u.	21944 u.	No Report	No Report	No Report	No Report
Malaysia	321 u.	No Report	No Report	No Report	No Report	No Report
Thailand	205.234 kg	No Report	312.837 kg	No Report	No Report	No Report
Viet Nam	919.000 kg ICPO	1.100 kg ICPO	No Report	No Report	No Report	No Report
Sub-Total	1124.234 kg 33045 u.	1.193 kg 28751 u.	312.837 kg 32 u.	3.023 kg 11571 u.		0.091 kg 1424 u.
Near and Middle East /South-West Asia						
Pakistan	No Report	No Report	No Report	No Report	No Report	21757.000 kg
United Arab Emirates	129 u.	No Report	No Report	No Report	No Report	No Report
Yemen	No Report	ICPO	No Report	No Report	No Report	No Report
Sub-Total	129 u.					21757.000 kg
South Asia						
Nepal	0.693 kg ICPO	No Report	No Report	No Report	No Report	No Report
Sub-Total	0.693 kg					
Total region	39997.670 kg 33174 u.	202.009 kg 28751 u.	312.837 kg 32 u.	17.723 kg 11571 u.		21900.230 kg 1424 u.
EUROPE						
Eastern Europe						
Belarus	327.744 kg INCB	1621.000 kg	1056.000 kg	1084.000 kg	No Report	No Report
Bulgaria	No Report	No Report	No Report	No Report	1415.000 kg	No Report
Croatia	769 u.	3504 u.	6206 u.	1.607 kg 519 u.	No Report	No Report
Estonia	165.800 kg	36.011 kg 111 u.	No Report	37.883 kg 69 u.	No Report	No Report
Latvia	218.000 kg	192.000 kg	30.200 kg	145.950 kg	No Report	No Report
Lithuania	1291.000 kg	1525.000 kg	744.000 kg	623.000 kg	No Report	No Report
Poland	8500.000 kg	4000.000 kg	3553.000 kg	No Report	No Report	No Report
Republic of Moldova	597.000 kg	406.550 kg	No Report	No Report	No Report	3635.000 kg Govt
Russian Federation	853.019 kg	16511.359 kg	18366.055 kg	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Opium (plant,capsule)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Ukraine	34003.262 kg	26632.801 kg	No Report	No Report	No Report	23115.000 kg
Sub-Total	45955.820 kg 769 u.	50924.720 kg 3615 u.	23749.260 kg 6206 u.	1892.440 kg 588 u.	1415.000 kg	26750.000 kg
Western Europe						
Austria	1.193 kg	9.367 kg	9.349 kg	No Report	No Report	No Report
Finland	No Report	1.000 kg	No Report	No Report	No Report	No Report
Greece	640 u.	No Report	No Report	No Report	No Report	No Report
Italy	1448 u.	5991 u.	No Report	4449 u.(2	No Report	No Report
Norway	0.115 kg	0.070 kg	No Report	0.001 kg	No Report	No Report
Portugal	No Report	28848 u.	351 u.	2.850 kg 1348 u.	No Report	No Report
Spain	862.112 kg	4.800 kg	1003.004 kg	22755.700 kg	No Report	49.737 kg
Sweden	(3	No Report	3615 u.	No Report	No Report	No Report
Turkey	No Report	No Report	No Report	1820.000 kg 3550 u.	No Report	No Report
Sub-Total	863.420 kg 2088 u.	15.237 kg 34839 u.	1012.353 kg 3966 u.	24578.550 kg 9347 u.		49.737 kg
Total region	46819.250 kg 2857 u.	50939.960 kg 38454 u.	24761.610 kg 10172 u.	26470.990 kg 9935 u.	1415.000 kg	26799.740 kg
OCEANIA						
Oceania						
Australia	0.095 kg	No Report	No Report	0.407 kg 2083 u.	No Report	79.533 kg
New Zealand	No Report	20249 u.	338 u.	No Report	No Report	No Report
Sub-Total	0.095 kg	20249 u.	338 u.	0.407 kg 2083 u.		79.533 kg
Total region	0.095 kg	20249 u.	338 u.	0.407 kg 2083 u.		79.533 kg
TOTAL	86873.060 kg 0.109 lt. 104925400 u.	51144.380 kg 30517940 u.	88792.910 kg 48642 u.	47326.130 kg 44208 u.	1415.000 kg	48779.500 kg 1424 u.

1) Poppystraw, heads,stems & leaves 2) 221buds(1), 4,228 plants(6) 3) Including depressants.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Burundi	No Report	No Report	0.006 kg ICPO 260 u.	No Report	No Report	No Report
Ethiopia	36.112 kg	8.987 kg	12.582 kg	18.042 kg	5.650 kg	33.505 kg
Kenya	7.787 kg	9.954 kg	17.459 kg	28.657 kg	19.438 kg Govt	41.272 kg
Madagascar	No Report	No Report	0.005 kg ICPO	No Report	No Report	No Report
Mauritius	6.920 kg	6.060 kg	3.067 kg	4.062 kg	24.532 kg	6.973 kg
Rwanda	No Report	No Report	No Report	No Report	No Report	0.500 kg
Uganda	No Report	1.302 kg	14.170 kg	3.400 kg	5.772 kg	11.190 kg
United Republic of Tanzania	4.852 kg	2.745 kg	7.583 kg	5.322 kg ICPO	7.997 kg Govt	1.458 kg ICPO
Sub-Total	55.671 kg	29.048 kg	54.872 kg 260 u.	59.483 kg	63.389 kg	94.898 kg
North Africa						
Algeria	No Report	0.256 kg ICPO	0.002 kg	No Report	0.006 kg ICPO	0.024 kg
Egypt	51.222 kg 0.225 lt.	24.416 kg 0.266 lt.	23.627 kg	37.114 kg	38.000 kg 385 u.	55.000 kg
Libyan Arab Jam.	0.851 kg F.O	4.809 kg	4.809 kg F.O	15.000 kg F.O	12.000 kg F.O	No Report
Morocco	0.318 kg Govt.	1.282 kg	0.437 kg	0.152 kg	3.971 kg 110 u.	3.528 kg 18 u.
Sudan	No Report	No Report	0.250 kg Govt	No Report	0.505 kg Govt	No Report
Tunisia	0.308 kg ICPO	0.474 kg	1.391 kg	1.020 kg ICPO	No Report	0.254 kg
Sub-Total	52.699 kg 0.225 lt.	31.237 kg 0.266 lt.	30.516 kg	53.286 kg	54.482 kg 495 u.	58.806 kg 18 u.
Southern Africa						
Angola	0.010 kg ICPO	No Report	(1	0.005 kg ICPO	21.500 kg ICPO	No Report
Botswana	0.228 kg ICPO	No Report	No Report	No Report	No Report	No Report
Lesotho	No Report	No Report	0.500 kg ICPO	No Report	No Report	No Report
Malawi	No Report	0.200 kg	0.500 kg	No Report	No Report	No Report
Mozambique	No Report	No Report	No Report	232 u. ICPO	0.005 kg ICPO	No Report
Namibia	No Report	No Report	0.003 kg ICPO	0.100 kg	0.003 kg	0.002 kg
South Africa	1.548 kg	5.383 kg	7.435 kg ICPO	15.386 kg	8.465 kg	15.020 kg
Swaziland	1.041 kg ICPO	0.010 kg	0.097 kg	1.919 kg	0.093 kg	0.004 kg
Zambia	0.000 kg Govt	0.001 kg Govt	0.369 kg	0.005 kg	0.002 kg Govt	0.360 kg
Zimbabwe	No Report	0.740 kg	No Report	No Report	No Report	0.077 kg
Sub-Total	2.827 kg	6.334 kg	8.904 kg	17.415 kg 232 u.	30.068 kg	15.463 kg
West and Central Africa						
Benin	0.143 kg Govt	0.888 kg	18.670 kg Govt	7.572 kg F.O	0.079 kg ICPO	0.014 kg ICPO
Burkina Faso	222.000 kg Govt.	No Report	No Report	No Report	0.038 kg	No Report
Cameroon	No Report	2.150 kg	0.400 kg	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
West and Central Africa						
Chad	No Report	No Report	1.800 kg ICPO	No Report	No Report	No Report
Congo	0.070 kg	No Report	No Report	No Report	0.010 kg	0.016 kg
Côte d'Ivoire	0.538 kg	0.060 kg 16 u.	1.889 kg 19 u.	3.035 kg ICPO	10.394 kg	34.085 kg
Gabon	No Report	No Report	0.106 kg ICPO	No Report	No Report	No Report
Gambia	0.088 kg ICPO	0.590 kg ICPO	0.039 kg	No Report	4.000 kg	No Report
Ghana	0.005 kg	18.023 kg	21.020 kg	No Report	No Report	19.060 kg
Guinea	No Report	No Report	No Report	2.215 kg ICPO	0.592 kg ICPO	0.057 kg ICPO
Mauritania	0.005 kg Govt	0.005 kg Govt	No Report	No Report	No Report	No Report
Niger	0.100 kg ICPO	0.412 kg ICPO	No Report	No Report	No Report	No Report
Nigeria	10.490 kg	362.000 kg Govt	81.035 kg	55.100 kg	46.639 kg	55.626 kg
Senegal	No Report	0.234 kg ICPO	0.071 kg ICPO 382 u.	198 u. ICPO	No Report	0.336 kg ICPO
Togo	81.601 kg Govt.	No Report	No Report	10.808 kg	15.253 kg	4.727 kg
Sub-Total	315.040 kg	384.362 kg 16 u.	125.030 kg 401 u.	78.730 kg 198 u.	77.005 kg	113.921 kg
Total region	426.237 kg 0.225 lt.	450.981 kg 0.266 lt. 16 u.	219.322 kg 661 u.	208.914 kg 430 u.	224.944 kg 495 u.	283.089 kg 18 u.
AMERICAS						
Caribbean						
Aruba	3.298 kg INCB	No Report	6.000 kg F.O	78.000 kg F.O	65.000 kg F.O	25.677 kg ICPO
Barbados	No Report	No Report	3.230 kg HONLC	No Report	No Report	No Report
Bermuda	0.398 kg	No Report	0.836 kg	0.292 kg	2.000 kg F.O	2.630 kg
British Virgin Islands	No Report	No Report	No Report	No Report	1.200 kg 1 u.	No Report
Cayman Islands	No Report	No Report	No Report	1.000 kg F.O	0.213 kg	No Report
Cuba	0.700 kg ICPO	No Report	3.000 kg F.O	No Report	No Report	No Report
Dominican Republic	11.328 kg	6.891 kg	11.909 kg	24.000 kg F.O	33.003 kg	67.000 kg HONLC
Guadeloupe	No Report	No Report	No Report	No Report	4.000 kg F.O	No Report
Jamaica	No Report	No Report	No Report	No Report	0.450 kg	No Report
Netherlands Antilles	No Report	No Report	2.000 kg INCB	2.032 kg ICPO	72.000 kg F.O	62.622 kg ICPO
Puerto Rico	No Report	No Report	No Report	24.000 kg F.O	42.000 kg F.O	12.070 kg ICPO 24619 u.
Saint Lucia	No Report	No Report	No Report	2.000 kg	No Report	No Report
Trinidad Tobago	No Report	No Report	No Report	5.000 kg INCSR	No Report	10.380 kg ICPO
Sub-Total	15.724 kg	6.891 kg	26.975 kg	136.324 kg	219.866 kg 1 u.	180.379 kg 24619 u.
Central America						
Belize	No Report	No Report	No Report	No Report	3.399 kg	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Central America						
Costa Rica	26.000 kg CICAD	13.500 kg	2.400 kg	7.787 kg	20.280 kg *	58.770 kg*
El Salvador	2.151 kg ICPO	0.697 kg ICPO	0.099 kg	6.900 kg ICPO	9.368 kg	13.229 kg
Guatemala	17.420 kg Govt.	3.650 kg	53.000 kg	9.740 kg	21.170 kg	0.050 kg
Nicaragua	2.000 kg	No Report	2.000 kg CICAD	2.000 kg CICAD	8.422 kg ICPO	53.189 kg
Panama	33.307 kg	22.825 kg	46.456 kg	39.045 kg	87.000 kg	101.100 kg HONLC
Sub-Total	80.878 kg	40.672 kg	103.954 kg	65.472 kg	149.639 kg	226.338 kg
North America						
Canada	95.000 kg	22.295 kg 0.176 lt. 994 u.	88.000 kg 91 u.	6.970 kg 0.117 lt. 2 u.	73.979 kg	3.295 kg
Mexico	114.903 kg	120.896 kg	260.191 kg	299.102 kg	263.152 kg * *	282.692 kg
United States	1542.000 kg	1580.700 kg Govt.	1200.000 kg 437 u.	1705.188 kg 1.850 lt. 593 u.	1983.700 kg	2765.600 kg
Sub-Total	1751.903 kg	1723.891 kg 0.176 lt. 994 u.	1548.191 kg 528 u.	2011.260 kg 1.967 lt. 595 u.	2320.831 kg	3051.587 kg
South America						
Argentina	38.580 kg	31.040 kg	7.962 kg	47.664 kg	84.683 kg	32.296 kg
Bolivia	No Report	0.760 kg	No Report	No Report	No Report	No Report
Brazil	No Report	0.950 kg	No Report	ICPO	12.500 kg Govt	56.600 kg F.O
Chile	No Report	No Report	No Report	21.088 kg	33.234 kg	13.649 kg
Colombia	129.735 kg	239.154 kg	514.592 kg	563.054 kg	787.600 kg	775.000 kg
Ecuador	53.096 kg	58.248 kg	80.559 kg	108.715 kg ICPO	254.639 kg	No Report
Peru	No Report	No Report	No Report	2.186 kg	0.004 kg	15.793 kg
Suriname	No Report	0.030 kg	No Report	No Report	No Report	No Report
Uruguay	No Report	No Report	No Report	No Report	5.872 kg ICPO	7.200 kg
Venezuela	16.086 kg CICAD	No Report	41.514 kg	195.580 kg	228.430 kg	562.950 kg
Sub-Total	237.497 kg	330.182 kg	644.627 kg	938.287 kg	1406.962 kg	1463.488 kg
Total region	2086.002 kg	2101.636 kg 0.176 lt. 994 u.	2323.748 kg 528 u.	3151.343 kg 1.967 lt. 595 u.	4097.298 kg 1 u.	4921.792 kg 24619 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	0.429 kg	0.065 kg	0.191 kg	0.109 kg	0.016 kg	0.175 kg
Azerbaijan	0.170 kg ICPO	4.332 kg	4.018 kg	9.917 kg ICPO	4.000 kg	0.704 kg
Georgia	No Report	0.083 kg ICPO	2.300 kg ICPO	3.993 kg ICPO	5.518 kg ICPO	No Report
Kazakhstan	43.000 kg Govt.	24.196 kg	54.264 kg	262.400 kg F.O	136.700 kg F.O	167.690 kg F.O
Kyrgyzstan	4.404 kg	24.732 kg	26.870 kg	216.780 kg	170.898 kg	271.250 kg
Tajikistan	60.000 kg	271.471 kg	708.820 kg	1882.929 kg F.O	4239.005 kg	3958.182 kg

Source: Annual Report Questionnaire if not otherwise indicated

* Reported figures at the time of the preparation of the report; revised figures by the Gov. of Costa Rica show seizures of heroin of 61.77 kg in 2002 and 121.3 kg in 2003.

* * Reported figures at the time of the preparation of the report, revised figures by the Gov. of Mexico show seizures of heroin of 269.614 kg in 2001.

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Central Asia and Transcaucasian countries						
Turkmenistan	1948.000 kg Govt.	495.000 kg Govt.	240.000 kg F.O	200.000 kg F.O	71.000 kg NAPOL	400.000 kg F.O
Uzbekistan	70.269 kg	194.679 kg	324.843 kg	675.000 kg	466.601 kg F.O	256.320 kg
Sub-Total	2126.272 kg	1014.558 kg	1361.306 kg	3251.128 kg	5093.738 kg	5054.322 kg
East and South-East Asia						
Brunei Darussalam	0.001 kg	0.003 kg	No Report	0.001 kg	No Report	0.004 kg ICPO
Cambodia	16.000 kg ICPO	No Report	No Report	No Report	No Report	No Report
China	5477.000 kg	7358.000 kg	5364.000 kg ICPO	6281.000 kg Govt.	13200.000 kg	9290.800 kg
Hong Kong SAR, China	202.200 kg	209.000 kg Govt.	284.001 kg 0.003 lt.	339.003 kg	156.400 kg	105.590 kg
Indonesia	20.433 kg	27.761 kg	14.049 kg	22.655 kg	16.641 kg	20.004 kg
Japan	5.990 kg	3.947 kg	2.150 kg	7.006 kg	4.944 kg	20.900 kg 0.000 lt.
Korea (Republic of)	0.599 kg	2.126 kg	0.342 kg	No Report	0.567 kg	1.078 kg ICPO
Lao People's Dem. Rep.	72.300 kg Govt.	80.000 kg INCSR	14.750 kg HNLP	20.000 kg INCSR	49.700 kg Govt	21.245 kg 30 u.
Macau SAR, China	0.231 kg ICPO	2.217 kg ICPO	1.000 kg INCB	0.147 kg	0.069 kg	0.052 kg
Malaysia	276.154 kg	289.664 kg	200.937 kg	109.170 kg	227.058 kg ICPO	294.471 kg ICPO
Myanmar	1401.079 kg	403.805 kg	273.193 kg	158.921 kg	96.744 kg	333.888 kg
Philippines	3.014 kg ICPO	1.741 kg ICPO	0.022 kg	No Report	0.010 kg	No Report
Singapore	82.613 kg	141.852 kg	56.730 kg	52.083 kg	106.678 kg	63.420 kg
Taiwan province, China	No Report	No Report	No Report	273.000 kg PRESS	153.000 kg PRESS	No Report
Thailand	323.287 kg	507.769 kg	405.034 kg	384.000 kg HNLP	501.000 kg F.O	697.000 kg F.O
Viet Nam	24.300 kg ICPO	60.000 kg ICPO	66.663 kg F.O	49.320 kg ICPO 70000 u.	40.300 kg	No Report
Sub-Total	7905.201 kg	9087.884 kg	6682.871 kg 0.003 lt.	7696.305 kg 70000 u.	14553.110 kg	10848.450 kg 30 u.
Near and Middle East /South-West Asia						
Afghanistan	No Report	No Report	No Report	No Report	No Report	1291.700 kg
Bahrain	4.165 kg	3.982 kg ICPO	2.856 kg ICPO	1.643 kg ICPO	0.001 kg ICPO	2.473 kg
Iran (Islamic Republic of)	1986.042 kg	2894.462 kg	6030.000 kg	6189.000 kg NAPOL	4001.000 kg	3977.000 kg Govt
Iraq	No Report	8.300 kg	No Report	1.020 kg	No Report	No Report
Israel	75.100 kg	137.800 kg	111.830 kg ICPO	80.000 kg	67.625 kg	66.590 kg
Jordan	82.449 kg	52.397 kg	41.397 kg	127.712 kg	35.545 kg	14.666 kg
Kuwait	23.590 kg ICPO	21.601 kg	35.000 kg INCB	No Report	No Report	17.186 kg ICPO
Lebanon	2.361 kg	3.093 kg	8.149 kg	2.363 kg	13.002 kg	2.005 kg
Oman	0.756 kg INCB	No Report	54.109 kg	14.008 kg ICPO	8.485 kg	28.734 kg
Pakistan	6156.000 kg ICPO	3363.723 kg	4973.711 kg	9492.029 kg	6931.470 kg	5870.498 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
Qatar	No Report	1.480 kg ICPO	0.108 kg ICPO	0.534 kg ICPO	0.404 kg ICPO	7.045 kg
Saudi Arabia	115.667 kg ICPO	63.107 kg	No Report	200.922 kg	178.825 kg	28.564 kg ICPO
Syrian Arab Republic	12.263 kg Govt	36.204 kg Govt	57.659 kg Govt	50.441 kg Govt	30.342 kg Govt	27.663 kg
United Arab Emirates	35.767 kg	34.450 kg	65.909 kg	82.176 kg	40.100 kg	115.031 kg
Yemen	No Report	0.027 kg ICPO	No Report	No Report	No Report	No Report
Sub-Total	8494.159 kg	6620.626 kg	11380.730 kg	16241.850 kg	11306.800 kg	11449.160 kg
South Asia						
Bangladesh	No Report	No Report	28.840 kg F.O	8.031 kg	42.290 kg ICPO	15.746 kg
India	1332.000 kg	655.000 kg	839.000 kg	1240.000 kg	889.000 kg	933.000 kg Govt
Maldives	No Report	1.142 kg	0.357 kg	No Report	0.167 kg	0.300 kg ICPO
Nepal	11.117 kg Govt	9.400 kg Govt	1.515 kg Govt	1.705 kg Govt	9.360 kg ICPO	10.493 kg
Sri Lanka	55.015 kg	56.942 kg	68.500 kg	94.150 kg	102.216 kg	62.545 kg
Sub-Total	1398.132 kg	722.484 kg	938.212 kg	1343.886 kg	1043.033 kg	1022.084 kg
Total region	19923.770 kg	17445.550 kg	20363.120 kg 0.003 lt.	28533.170 kg 70000 u.	31996.680 kg	28374.010 kg 30 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	7.122 kg ICPO	47.000 kg Govt	4.500 kg Govt	71.714 kg
Belarus	0.635 kg INCB	0.907 kg	1.977 kg	3.442 kg	3.257 kg ICPO	6.171 kg
Bosnia Herzegovina	0.017 kg NAPOL	0.686 kg NAPOL	1.125 kg ICPO	0.375 kg NAPOL	1.900 kg ICPO 5 u.	3.265 kg ICPO
Bulgaria	322.691 kg	219.632 kg	265.249 kg	2067.201 kg	1550.629 kg	535.090 kg
Croatia	3.040 kg	50.095 kg	13.232 kg	7.041 kg	19.569 kg	46.359 kg
Czech Republic	21.442 kg	240.000 kg	108.380 kg	114.520 kg	88.590 kg 478 u.	34.033 kg 40 u.
Estonia	No Report	0.091 kg 129 u.	0.518 kg 1269 u.	0.438 kg 2129 u.	1.163 kg	3.783 kg
FYR of Macedonia	15.425 kg NAPOL	91.672 kg	14.375 kg NAPOL	90.789 kg NAPOL	110.882 kg Govt	28.572 kg
Hungary	206.160 kg Govt.	634.613 kg	172.703 kg	819.000 kg	154.410 kg	320.129 kg
Latvia	0.011 kg	0.098 kg	0.768 kg	0.775 kg	0.465 kg	No Report
Lithuania	0.089 kg	0.423 kg	0.923 kg	0.943 kg	2.740 kg	2.761 kg
Poland	142.812 kg	67.405 kg	44.947 kg	120.063 kg (2 388.000 lt.	208.106 kg	293.207 kg
Republic of Moldova	10.000 kg	No Report	No Report	1.313 kg ICPO	0.041 kg	No Report
Romania	117.922 kg ICPO	412.327 kg	63.630 kg	52.940 kg	41.770 kg	202.180 kg
Russian Federation	24.027 kg	442.900 kg	695.085 kg	984.000 kg F.O	1287.226 kg	842.163 kg F.O
Serbia and Montenegro	15.425 kg ICPO	No Report	No Report	No Report	62.518 kg	43.462 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Slovakia	90.450 kg	13.671 kg	5.808 kg	98.507 kg	15.680 kg	15.400 kg
Slovenia	29.828 kg	46.106 kg	32.270 kg	392.065 kg	88.930 kg	68.670 kg
Ukraine	3.728 kg	8.940 kg	21.530 kg ICPO.	21.743 kg ICPO	8.669 kg	206.600 kg
Sub-Total	1003.702 kg	2229.566 kg 129 u.	1449.642 kg 1269 u.	4822.155 kg 388.000 lt. 2129 u.	3651.045 kg 483 u.	2723.559 kg 40 u.
Western Europe						
Andorra	0.005 kg ICPO	0.003 kg ICPO	0.013 kg	0.009 kg ICPO	0.009 kg	(1
Austria	102.138 kg	118.213 kg	78.914 kg	230.747 kg	288.312 kg	59.473 kg
Belgium	55.000 kg	75.790 kg	73.537 kg	187.739 kg	187.739 kg UNODC (3	262.000 kg
Cyprus	No Report	0.035 kg	2.193 kg	4.949 kg	1.638 kg	0.283 kg
Denmark	37.900 kg	55.136 kg	96.040 kg	32.080 kg	25.125 kg	62.495 kg
Finland	2.532 kg	1.965 kg	2.884 kg	6.026 kg	7.500 kg	
France	415.453 kg	343.783 kg	203.313 kg	443.935 kg	351.055 kg	476.149 kg
Germany	722.211 kg	685.920 kg	796.400 kg	796.000 kg	835.836 kg	519.598 kg
Greece	146.311 kg 38 u.	232.110 kg 6 u.	98.401 kg 10 u.	1179.526 kg 14 u.	329.725 kg	201.176 kg (4
Iceland	No Report	No Report	0.001 kg	No Report	No Report	(1
Ireland	8.184 kg	36.963 kg	15.921 kg	23.942 kg	29.527 kg	16.606 kg
Italy	470.335 kg 5360 u.	703.335 kg 3069 u.	1313.708 kg ICPO	980.379 kg 1678 u.	2004.588 kg 1423 u.	2584.564 kg 1697 u.
Liechtenstein	18.680 kg	No Report	14.388 kg	0.005 kg	0.003 kg	0.004 kg
Luxembourg	2.525 kg	3.592 kg	1.914 kg	11.358 kg ICPO	No Report	2.956 kg ICPO
Malta	4.535 kg	0.498 kg	1.724 kg	5.912 kg	2.599 kg	1.218 kg ICPO
Monaco	0.011 kg		No Report	No Report	No Report	No Report
Netherlands	999.000 kg Govt	784.000 kg Govt	770.000 kg Govt	896.000 kg Govt	739.000 kg	1122.000 kg
Norway	55.509 kg	37.347 kg	45.810 kg	51.500 kg	67.905 kg	59.106 kg
Portugal	57.389 kg	96.666 kg	76.417 kg	567.577 kg (6	316.039 kg 5.000 lt.	96.315 kg
Spain	479.450 kg	444.243 kg	1159.297 kg	484.854 kg	630.600 kg	274.777 kg
Sweden	11.509 kg	70.927 kg 0.011 lt.	63.009 kg 0.509 lt.	27.649 kg	32.627 kg	58.600 kg
Switzerland	209.261 kg	403.680 kg	397.527 kg	372.061 kg	227.515 kg	208.510 kg
Turkey	3509.851 kg	4651.486 kg	3605.123 kg	6052.582 kg Govt.	4392.103 kg	2557.778 kg
United Kingdom	2234.900 kg	1345.804 kg	2341.700 kg NCIS	3382.392 kg	3928.976 kg	3928.976 kg (7
Sub-Total	9542.689 kg 5398 u.	10091.500 kg 0.011 lt. 3075 u.	11158.230 kg 0.509 lt. 10 u.	15737.220 kg 1692 u.	14398.420 kg 5.000 lt. 1423 u.	12492.580 kg 1697 u.
Total region	10546.390 kg 5398 u.	12321.060 kg 0.011 lt. 3204 u.	12607.880 kg 0.509 lt. 1279 u.	20559.380 kg 388.000 lt. 3821 u.	18049.470 kg 5.000 lt. 1906 u.	15216.140 kg 1737 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Heroin

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Oceania						
Australia	365.370 kg	298.690 kg Govt. (8	360.145 kg	583.456 kg	82.729 kg	459.368 kg
Fiji	No Report	No Report	No Report	357.700 kg ICPO	No Report	No Report
New Zealand	0.171 kg INCB	10.859 kg	0.544 kg	0.066 kg	5.536 kg	0.809 kg
Sub-Total	365.541 kg	309.549 kg	360.689 kg	941.222 kg	88.265 kg	460.177 kg
Total region	365.541 kg	309.549 kg	360.689 kg	941.222 kg	88.265 kg	460.177 kg
TOTAL	33347.930 kg	32628.780 kg	35874.750 kg	53394.020 kg	54456.660 kg	49255.210 kg
	0.225 lt.	0.453 lt.	0.512 lt.	389.967 lt.	5.000 lt.	26404 u.
	5398 u.	4214 u.	2468 u.	74846 u.	2402 u.	

1) Small quantity. 2) 388 lt. Polish heroin 3) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 4) including morphine 5) Including depressants. 6) heroin with 44gm of cocaine 7) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 8) Provisional figures.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Morphine

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Ethiopia	No Report	0.001 kg 6 u.	No Report	No Report	No Report	No Report
United Republic of Tanzania	0.283 kg	No Report	0.020 kg	No Report	3.338 kg Govt	0.850 kg ICPO
Sub-Total	0.283 kg	0.001 kg 6 u.	0.020 kg		3.338 kg	0.850 kg
North Africa						
Egypt	0.001 kg	0.012 lt.	0.007 kg	No Report	4 u.	No Report
Morocco	0.318 kg	0.997 kg	No Report	No Report	247 u.	No Report
Sudan	No Report	No Report	No Report	No Report	18408 u. Govt	No Report
Sub-Total	0.319 kg	0.997 kg 0.012 lt.	0.007 kg		18659 u.	
Southern Africa						
Mozambique	No Report	No Report	0.085 kg ICPO	No Report	No Report	No Report
Zambia	0.000 kg Govt	3.200 kg Govt	0.028 kg	0.061 kg	0.860 kg Govt	No Report
Sub-Total		3.200 kg	0.113 kg	0.061 kg	0.860 kg	
West and Central Africa						
Benin	No Report	3.190 kg	No Report	No Report	No Report	No Report
Chad	No Report	No Report	No Report	0.090 kg	No Report	No Report
Nigeria	0.130 kg	No Report	No Report	21.120 kg	No Report	No Report
Sub-Total	0.130 kg	3.190 kg		21.210 kg		
Total region	0.732 kg	7.388 kg 0.012 lt. 6 u.	0.140 kg	21.271 kg	4.198 kg 18659 u.	0.850 kg
AMERICAS						
Caribbean						
Aruba	No Report	No Report	No Report	No Report	No Report	0.509 kg ICPO
Cuba	No Report	No Report	No Report	No Report	No Report	63 u. ICPO
Dominican Republic	No Report	No Report	No Report	19.000 kg CICAD	No Report	No Report
Sub-Total				19.000 kg		0.509 kg 63 u.
Central America						
Guatemala	0.720 kg Govt.	No Report	No Report	No Report	No Report	No Report
Sub-Total	0.720 kg					
North America						
Canada	1.076 kg 2468 u.	1.662 kg 0.433 lt. 1166 u.	1.000 kg 1.016 lt. 1826 u.	0.751 kg 1.285 lt. 1842 u.	0.267 kg 3807 u.	0.239 kg 3591 u.
Mexico	2.068 kg	No Report	1.130 kg	4.480 kg	0.539 kg	0.002 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Morphine

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
United States	0.006 lt. 560 u.	No Report	3.134 kg 998 u.	180.108 kg 15.723 lt. 134 u.	812 u.	652 u.
Sub-Total	3.144 kg 0.006 lt. 3028 u.	1.662 kg 0.433 lt. 1166 u.	5.264 kg 1.016 lt. 2824 u.	185.339 kg 17.008 lt. 1976 u.	0.806 kg 4619 u.	0.241 kg 4243 u.
South America						
Argentina	No Report	No Report	650.000 kg	No Report	No Report	No Report
Brazil	No Report	No Report	0.150 kg	No Report	No Report	No Report
Chile	No Report	29 u.	1 u. ICPO	No Report	No Report	5 u.
Colombia	87.122 kg	79.111 kg	154.023 kg	91.017 kg	47.300 kg	20.000 kg
Peru	No Report	No Report	No Report	11.979 kg	0.492 kg	6.230 kg
Sub-Total	87.122 kg	79.111 kg 29 u.	804.173 kg 1 u.	102.996 kg	47.792 kg	26.230 kg 5 u.
Total region	90.986 kg 0.006 lt. 3028 u.	80.773 kg 0.433 lt. 1195 u.	809.437 kg 1.016 lt. 2825 u.	307.335 kg 17.008 lt. 1976 u.	48.598 kg 4619 u.	26.980 kg 4311 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	3 u.	(1	No Report	0.000 kg (1	0.351 kg	(1
Azerbaijan	No Report	No Report	0.085 kg	No Report	No Report	No Report
Georgia	No Report	No Report	0.003 kg ICPO	0.262 kg ICPO	0.107 kg ICPO	No Report
Kazakhstan	No Report	4.172 kg	1.493 kg	No Report	No Report	No Report
Uzbekistan	8 u.	0.030 kg	3.400 kg ICPO	No Report	No Report	No Report
Sub-Total	11 u.	4.202 kg	4.981 kg	0.262 kg	0.458 kg	
East and South-East Asia						
Brunei Darussalam	No Report	No Report	No Report	No Report	No Report	0.004 kg
China	358.000 kg	146.000 kg	No Report	No Report	No Report	No Report
Hong Kong SAR, China	No Report	No Report	(1	No Report	1462 u.	No Report
Indonesia	0.320 kg	No Report	3.174 kg 202 u.	0.223 kg	0.001 kg	No Report
Japan	0.011 kg 1.107 lt. 229 u.	0.363 kg 0.002 lt. 146 u.	0.002 kg	200 u.	1.275 kg 117 u.	0.001 lt.
Lao People's Dem. Rep.	No Report	No Report	No Report	No Report	No Report	18.100 kg
Mongolia	No Report	No Report	No Report	0.270 kg ICPO	No Report	No Report
Myanmar	45.728 kg 200 u.	95.087 kg	24.001 kg	22.696 kg	6.052 kg 107 u.	314.004 kg 177 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Morphine

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Singapore	No Report	No Report	No Report	No Report	0.076 kg 24 u.	No Report
Thailand	0.005 kg	No Report	0.200 kg ICPO	0.005 kg ICPO	No Report	No Report
Sub-Total	404.064 kg 1.107 lt. 429 u.	241.450 kg 0.002 lt. 146 u.	27.377 kg 202 u.	23.194 kg 200 u.	7.404 kg 1710 u.	332.108 kg 0.001 lt. 177 u.
Near and Middle East /South-West Asia						
Iran (Islamic Republic of)	18949.754 kg	22291.102 kg	22764.000 kg	20764.000 kg NAPOL	8668.000 kg	9521.000 kg Govt
Israel	No Report	No Report	0.028 kg ICPO	18 u.	0.041 kg	50 u.
Kuwait	No Report	No Report	34.813 kg ICPO	10.611 kg ICPO	No Report	No Report
Oman	No Report	No Report	1.006 kg	No Report	No Report	No Report
Pakistan	No Report	No Report	No Report	No Report	1824.000 kg 7850 u.	6839.260 kg
Qatar	0.133 kg ICPO	No Report	No Report	No Report	No Report	No Report
Saudi Arabia	No Report	No Report	149.491 kg ICPO	No Report	No Report	No Report
United Arab Emirates	No Report	0.018 kg	0.030 kg	No Report	No Report	0.015 kg
Sub-Total	18949.890 kg	22291.120 kg	22949.370 kg	20774.610 kg 18 u.	10492.040 kg 7850 u.	16360.270 kg 50 u.
South Asia						
Bangladesh	No Report	No Report	No Report	No Report	108 u. ICPO	No Report
India	128.000 kg	19.000 kg	30.000 kg	39.000 kg	26.000 kg	66.000 kg
Nepal	11.126 kg ICPO	No Report	No Report	No Report	No Report	No Report
Sub-Total	139.126 kg	19.000 kg	30.000 kg	39.000 kg	26.000 kg 108 u.	66.000 kg
Total region	19493.080 kg 1.107 lt. 440 u.	22555.770 kg 0.002 lt. 146 u.	23011.720 kg 202 u.	20837.070 kg 218 u.	10525.900 kg 9668 u.	16758.380 kg 0.001 lt. 227 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	No Report	10 u. ICPO	No Report	10 u.
Belarus	0.001 kg INCB	0.154 kg	0.005 kg	0.078 kg	192.000 kg ICPO	0.032 kg
Bulgaria	4.000 kg	No Report	16 u.	No Report	No Report	No Report
Croatia	No Report	79 u.	652 u.	27 u.	No Report	No Report
Czech Republic	No Report	No Report	No Report	No Report	0.049 kg	1.739 lt.
Estonia	(2	0.003 kg 5 u.	No Report	0.011 kg 40 u.	1.066 kg	0.039 kg
Hungary	0.686 kg Govt.	No Report	0.200 kg	No Report	10 u.	1.802 kg
Poland	No Report	No Report	No Report	0.588 kg ICPO 174 u.	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Morphine

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Republic of Moldova	31 u.	No Report	No Report	No Report	No Report	No Report
Romania	71 u. [ICPO]	86 u.	132 u.	0.112 kg	248 u.	414 u.
Russian Federation	6.037 kg 8 u.	15.000 kg [F.O]	2.427 kg	2.000 kg [F.O]	11.024 kg	1.896 kg [ICPO]
Slovakia	No Report	3 u.		0.288 kg		0.600 kg
Sub-Total	10.724 kg 110 u.	15.157 kg 173 u.	2.632 kg 800 u.	3.077 kg 251 u.	204.139 kg 258 u.	4.369 kg 1.739 lt. 424 u.
Western Europe						
Austria	0.327 kg	1.522 kg	0.328 kg	0.220 kg	0.200 kg	0.280 kg
Belgium	10.000 kg	0.098 kg		17.400 kg [ICPO]	17.400 kg [UNODC (3	
Cyprus	No Report	No Report	No Report	No Report	15 u.	0.013 kg
Denmark	1.560 lt.	3.000 kg	No Report	1.405 kg [ICPO]	No Report	20000 u. [ICPO]
Finland	0.005 kg	No Report	0.910 kg 60 u.	0.054 kg 60 u.	No Report	No Report
France	0.020 kg	0.088 kg	1.566 kg	0.222 kg	0.218 kg	5.459 kg
Ireland	0.003 kg 528 u.	0.004 kg	90 u. [ICPO]	No Report	No Report	No Report
Italy	0.095 kg 9 u.	2.270 kg 12 u.	1.314 kg [ICPO]	0.752 kg 5 u.	0.015 kg 452 u.	3.332 kg 5 u.
Norway	0.011 kg	0.008 kg 33 u.	0.001 kg 1219 u.	2005 u.	1963 u.	0.003 kg 1859 u.
Portugal	No Report	0.005 kg	85 u.	241 u.	0.043 kg 97 u.	35 u.
Spain	8 u.	3 u.	13 u.	33 u.	16 u.	15 u.
Sweden	0.003 kg 104 u.	0.154 lt.	0.011 kg 0.202 lt. 120 u.	0.074 kg 320 u.	0.070 kg	0.300 kg 621 u.
Switzerland	No Report	0.054 kg	0.537 kg	0.135 kg	0.492 kg	0.146 kg
Turkey	662.816 kg *	754.494 kg	1010.328 kg	2484.934 kg [Govt.	797.493 kg	7889.741 kg
United Kingdom	0.400 kg	41.251 kg	1.300 kg [NCIS	3.278 kg	4.015 kg	4.015 kg [(4
Sub-Total	673.680 kg 1.560 lt. 649 u.	802.794 kg 0.154 lt. 48 u.	1016.295 kg 0.202 lt. 1587 u.	2508.474 kg 2664 u.	819.946 kg 2543 u.	7903.289 kg 22535 u.
Total region	684.404 kg 1.560 lt. 759 u.	817.951 kg 0.154 lt. 221 u.	1018.927 kg 0.202 lt. 2387 u.	2511.552 kg 2915 u.	1024.085 kg 2801 u.	7907.658 kg 1.739 lt. 22959 u.
OCEANIA						
Oceania						
Australia	2.049 kg	No Report	No Report	3.205 kg 104 u.	0.036 kg 73 u.	4.097 kg

Source: Annual Report Questionnaire if not otherwise indicated

* Reported figures at the time of the preparation of the report; revised figures by the Gov. of Turkey show seizures of morphine of 562.8 kg in 1997.

SEIZURES, 1997 - 2002

Morphine

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Oceania						
New Zealand	1.422 kg [INCB]	1.166 kg	0.312 kg	0.713 lt. 396 u.	0.954 kg 1285 u.	0.887 kg 370 u.
Sub-Total	3.471 kg	1.166 kg	0.312 kg	3.205 kg 0.713 lt. 500 u.	0.990 kg 1358 u.	4.984 kg 370 u.
Total region	3.471 kg	1.166 kg	0.312 kg	3.205 kg 0.713 lt. 500 u.	0.990 kg 1358 u.	4.984 kg 370 u.
TOTAL	20272.670 kg 2.673 lt. 4227 u.	23463.050 kg 0.601 lt. 1568 u.	24840.540 kg 1.218 lt. 5414 u.	23680.430 kg 17.721 lt. 5609 u.	11603.770 kg 37105 u.	24698.860 kg 1.740 lt. 27867 u.

1) Small quantity. 2) Including depressants. 3) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes.
4) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Other opiates

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Ethiopia	No Report	No Report	No Report	No Report	No Report	0.826 kg
Mauritius	26 u. ICPO	No Report	No Report	No Report	No Report	204 u. ICPO
Sub-Total	26 u.					0.826 kg 204 u.
North Africa						
Egypt	0.060 lt. (1	No Report	0.030 lt. (1	1.140 lt. ICPO	No Report	No Report
Sub-Total	0.060 lt.		0.030 lt.	1.140 lt.		
West and Central Africa						
Benin	No Report	No Report	No Report	1.650 kg ICPO	No Report	No Report
Nigeria	No Report	No Report	No Report	No Report	No Report	0.756 kg ICPO 68421 u.
Sub-Total				1.650 kg		0.756 kg 68421 u.
Total region	0.060 lt. 26 u.		0.030 lt.	1.650 kg 1.140 lt.		1.582 kg 68625 u.
AMERICAS						
Caribbean						
Cayman Islands	No Report	No Report	0.003 kg ICPO	2 u.	No Report	No Report
Dominican Republic	No Report	No Report	8.000 kg ICPO	No Report	No Report	No Report
Puerto Rico	No Report	No Report	No Report	No Report	No Report	0.036 lt. ICPO 4 u.
Sub-Total			8.003 kg	2 u.		0.036 lt. 4 u.
North America						
Canada	0.912 kg 0.301 lt. 4826 u.	1.446 kg 0.093 lt. 8880 u.	0.594 kg 8805 u.	0.682 kg 1.050 lt. 4784 u.	1.124 kg 22045 u.	0.918 kg 28238 u.
Mexico	No Report	No Report	No Report	No Report	No Report	8053.635 kg
United States	No Report	No Report	9338 u. ICPO (1	No Report	10778580 u.	78081 u.
Sub-Total	0.912 kg 0.301 lt. 4826 u.	1.446 kg 0.093 lt. 8880 u.	0.594 kg 18143 u.	0.682 kg 1.050 lt. 4784 u.	1.124 kg 10800630 u.	8054.553 kg 106319 u.
South America						
Argentina	No Report	No Report	No Report	No Report	0.200 kg	No Report
Chile	No Report	25 u.	No Report	No Report	No Report	13 u.
Colombia	No Report	No Report	3.500 kg (1	No Report	1.000 kg (1	No Report
Peru	No Report	No Report	38.693 kg ICPO	No Report	No Report	No Report
Sub-Total		25 u.	42.193 kg		1.200 kg	13 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Other opiates

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Total region	0.912 kg 0.301 lt. 4826 u.	1.446 kg 0.093 lt. 8905 u.	50.790 kg 18143 u.	0.682 kg 1.050 lt. 4786 u.	2.324 kg 10800630 u.	8054.553 kg 0.036 lt. 106336 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	No Report	0.017 kg ICPO	1.679 kg	No Report	No Report
Azerbaijan	No Report	No Report	No Report	72.590 kg ICPO	No Report	No Report
Georgia	No Report	No Report	25.003 kg ICPO (2	12.871 kg ICPO	No Report	No Report
Kazakhstan	No Report	3.219 kg	7.944 kg	No Report	No Report	No Report
Uzbekistan	0.019 kg	No Report	No Report	288.000 kg ICPO	No Report	No Report
Sub-Total	0.019 kg	3.219 kg	32.964 kg	375.140 kg		
East and South-East Asia						
Brunei Darussalam	85.173 kg 554 u.	0.057 kg 474 u.	12.970 lt. 2377 u.	23.000 lt.	1413 u.	0.003 lt. (1 2565 u.
Hong Kong SAR, China	No Report	No Report	187 u. (2	7.600 lt. ICPO 1873 u.	5.200 lt. 3306 u.	4930 u.
Indonesia	No Report	7179 u.	564 u. ICPO (1	No Report	No Report	No Report
Japan	0.141 kg 1809 u.	0.006 kg 0.030 lt. 5557 u.	0.005 kg	No Report	No Report	579 u. ICPO
Macau SAR, China	64 u. ICPO	8.000 lt. ICPO 45 u.	No Report	2.000 lt. ICPO 1 u.	No Report	52 u. ICPO
Malaysia	No Report	No Report	18453 u.	17982.480 lt. (1	No Report	No Report
Myanmar	194.377 kg	No Report	555.000 kg 121.000 lt.	222.089 lt. (3	No Report	338.454 lt. (3
Singapore	136 u.	301 u.	0.438 kg (2	1127 u. (4	6382.000 kg	No Report
Thailand	No Report	No Report	381.600 lt. ICPO (1	569.505 kg ICPO	No Report	1057.000 kg ICPO
Sub-Total	279.691 kg 2563 u.	0.063 kg 8.030 lt. 13556 u.	555.443 kg 515.570 lt. 21581 u.	569.505 kg 18237.170 lt. 3001 u.	6382.000 kg 5.200 lt. 4719 u.	1057.000 kg 338.457 lt. 8126 u.
Near and Middle East /South-West Asia						
Bahrain	No Report	No Report	No Report	No Report	No Report	58 u.
Iran (Islamic Republic of)	255.065 kg	No Report	1088.000 kg	1459.000 kg ICPO	No Report	No Report
Iraq	No Report	No Report	No Report	No Report	1.000 kg (1	No Report
Israel	No Report	No Report	2.121 lt. ICPO (1 7 u.	3.843 kg ICPO 15 u.	No Report	2.600 kg ICPO
Jordan	894.738 kg	No Report	No Report	No Report	No Report	No Report
Lebanon	No Report	No Report	No Report	0.300 kg ICPO	No Report	No Report
Pakistan	No Report	No Report	No Report	No Report	No Report	21757.000 kg ICPO

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Other opiates

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
United Arab Emirates	No Report	No Report	No Report	No Report	No Report	0.030 kg (1
Sub-Total	1149.803 kg		1088.000 kg 2.121 lt. 7 u.	1463.143 kg 15 u.	1.000 kg	21759.630 kg 58 u.
South Asia						
Bangladesh	No Report	No Report	No Report	No Report	No Report	290.475 kg 108356 u.
Nepal	4971 u. ICPO	3676 u.	No Report	No Report	No Report	35.000 lt. ICPO
Sub-Total	4971 u.	3676 u.				290.475 kg 35.000 lt. 108356 u.
Total region	1429.513 kg 7534 u.	3.282 kg 8.030 lt. 17232 u.	1676.407 kg 517.691 lt. 21588 u.	2407.788 kg 18237.170 lt. 3016 u.	6383.000 kg 5.200 lt. 4719 u.	23107.100 kg 373.457 lt. 116540 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	No Report	0.480 lt. ICPO 7 u.	No Report	21 u. (5
Belarus	No Report	No Report	No Report	No Report	No Report	0.361 kg ICPO
Bosnia Herzegovina	No Report	1 u. ICPO	No Report	No Report	No Report	No Report
Bulgaria	No Report	No Report	No Report	3650 u. ICPO	No Report	No Report
Croatia	No Report	No Report	No Report	29 u.	No Report	4047 u. ICPO
Estonia	23.332 lt.	No Report	2 u.	0.003 kg 20 u.	No Report	0.076 kg
FYR of Macedonia	No Report	No Report	3.988 kg ICPO 2.250 lt. 135 u.	No Report	No Report	No Report
Hungary	No Report	438 u.	120 u. ICPO (2	No Report	262 u.	222 u.
Latvia	0.134 kg	No Report	No Report	No Report	No Report	No Report
Lithuania	No Report	13 u.	0.210 kg 92 u.	0.888 lt. (2	No Report	0.001 kg ICPO
Poland	1004.000 lt.	395.000 lt.	389.000 lt. (6	3.500 lt. ICPO 174 u.	No Report	193.000 kg (6
Republic of Moldova	1000 u.	2100 u.	682 u. ICPO	0.858 kg ICPO	No Report	171.720 kg Govt (7
Romania	No Report	19494 u.	26 u. (2	0.840 lt. (2 387 u.	No Report	0.046 kg ICPO
Russian Federation	4.925 kg 11 u.	167.700 kg F.O	54.575 kg	18.000 kg F.O	21469.675 kg	93.446 kg ICPO
Slovakia	No Report	922 u.	278 u.	38 u. ICPO	No Report	21 u.
Slovenia	No Report	No Report	0.552 lt.	1.545 lt. ICPO 245 u.	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Other opiates

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Ukraine	No Report	No Report	11600 u. ICPO (1	No Report	No Report	20.000 kg
Sub-Total	5.059 kg 1027.332 lt. 1011 u.	167.700 kg 395.000 lt. 22968 u.	58.773 kg 391.802 lt. 12935 u.	18.861 kg 7.253 lt. 4550 u.	21469.680 kg 262 u.	478.650 kg 4311 u.
Western Europe						
Austria	0.083 kg	No Report	No Report	No Report	No Report	No Report
Belgium	No Report	0.109 kg	9.100 kg ICPO 0.200 lt. 307500 u.	15.070 kg ICPO	15.070 kg UNODC (8	No Report
Cyprus	No Report	No Report	55 u. ICPO	No Report	No Report	0.200 kg ICPO 70 u.
Denmark	No Report	6.000 kg	No Report	No Report	No Report	No Report
Finland	No Report	No Report	46 u. ICPO	13808 u.	31967 u.	18700 u.
France	No Report	No Report	521 u. ICPO (2	4134 u. ICPO	No Report	No Report
Greece	2.308 kg 15322 u.	1.529 kg 6774 u.	0.132 kg 7795 u.	0.472 kg 5162 u.	0.070 kg 1466 u.	1576 u.
Ireland	No Report	No Report	0.320 kg ICPO (2 579 u.	No Report	No Report	6.895 lt. ICPO 252 u.
Italy	0.002 kg 7 u.	0.554 kg 7538 u.	2.426 kg ICPO (2	2.967 kg (9 7220 u.	No Report	5.447 kg ICPO 22442 u.
Luxembourg	No Report	No Report	0.180 lt. ICPO (2	0.098 lt. ICPO	No Report	No Report
Malta	No Report	77 u.	No Report	98 u.	No Report	0.230 lt. ICPO
Monaco	No Report	No Report	No Report	No Report	No Report	0.003 lt. ICPO
Netherlands	2.000 kg Govt (2 16748 u.	4093 u. Govt (2	50.000 kg Govt (2 186437 u.	16.000 kg Govt (2 5543 u.	No Report	No Report
Norway	No Report	No Report	0.017 kg 9657 u.	0.001 kg 8007 u.	0.255 kg 18879 u.	0.756 kg 68421 u.
Portugal	21 u.	35 u.	21 u.	15 u. (10	20.910 kg 22 u.	0.009 kg 2 u.
Spain	1159 u.	No Report	966 u. ICPO	No Report	7708 u.	742 u. ICPO
Sweden	No Report	0.003 kg 1.312 lt.	0.053 kg 783 u.	0.052 kg 631 u.	No Report	4629 u.
Switzerland	0.010 kg	No Report	5006 u.	5472 u. (2	No Report	4079 u. ICPO
Turkey	No Report	No Report	34090 u. ICPO (2	0.234 kg Govt. (2	No Report	No Report
United Kingdom	1.000 kg 1.000 lt. 1 u.	0.064 kg	60.600 kg NCIS (2	0.548 kg	1146.641 kg	1146.641 kg (11
Sub-Total	5.403 kg 1.000 lt. 33258 u.	8.259 kg 1.312 lt. 18517 u.	122.648 kg 0.380 lt. 553456 u.	35.344 kg 0.098 lt. 50090 u.	1182.946 kg 60042 u.	1153.053 kg 7.128 lt. 120913 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Other opiates

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Total region	10.462 kg 1028.332 lt. 34269 u.	175.959 kg 396.312 lt. 41485 u.	181.421 kg 392.182 lt. 566391 u.	54.205 kg 7.351 lt. 54640 u.	22652.620 kg 60304 u.	1631.703 kg 7.128 lt. 125224 u.
OCEANIA						
Oceania						
Australia	(12	22.243 kg Govt. (13	6.792 kg Govt. (13	0.384 kg	6.786 kg Govt. (14	No Report
New Zealand	No Report	No Report	0.100 kg	No Report	No Report	0.461 kg 1301 u.
Sub-Total		22.243 kg	6.892 kg	0.384 kg	6.786 kg	0.461 kg 1301 u.
Total region		22.243 kg	6.892 kg	0.384 kg	6.786 kg	0.461 kg 1301 u.
TOTAL	1440.887 kg 1028.693 lt. 46655 u.	202.930 kg 404.435 lt. 67622 u.	1915.510 kg 909.903 lt. 606122 u.	2464.709 kg 18246.710 lt. 62442 u.	29044.730 kg 5.200 lt. 10865650 u.	32795.400 kg 380.621 lt. 418026 u.

1) Codeine 2) Methadone 3) Phensedyl 4) Methadone and dihydrocodeine 5) pethidine 6) Polish heroin (also called "compot") 7) Poppy solution 8) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 9) 2.933 kg,7208 u. methadone 10) 15 u. liquid heroin, 92 u. methadone 11) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 12) Small quantity. 13) Provisional figures. 14) Fiscal year

Source: Annual Report Questionnaire if not otherwise indicated

4.2. Cocaine: Seizures 1997-2002

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	0.410 kg	1.240 kg	0.110 kg	4.017 kg	0.207 kg Govt	18.584 kg Govt
Rwanda	No Report	No Report	No Report	No Report	No Report	4.000 kg
Uganda	No Report	No Report	0.412 kg	1.910 kg	No Report	No Report
United Republic of Tanzania	0.200 kg	No Report	1.161 kg	2.103 kg ICPO	7.389 kg Govt	2.461 kg ICPO
Sub-Total	0.610 kg	1.240 kg	1.683 kg	8.030 kg	7.596 kg	25.045 kg
North Africa						
Algeria	No Report	No Report	No Report	No Report	0.288 kg ICPO	0.268 kg
Egypt	0.914 kg	1.860 kg	0.792 kg	14.288 kg	No Report	4.001 kg
Libyan Arab Jam.	No Report	0.136 kg	0.070 kg F.O	0.531 kg F.O	0.173 kg F.O	No Report
Morocco	6055.550 kg	30.111 kg	1.742 kg	0.898 kg	4.298 kg 103 u.	15.801 kg 15 u.
Sudan	0.130 kg Govt	No Report	No Report	0.001 kg 2 u.	0.587 kg Govt	No Report
Tunisia	0.047 kg ICPO	0.127 kg	0.017 kg ICPO	No Report	No Report	1.055 kg
Sub-Total	6056.641 kg	32.234 kg	2.621 kg	15.718 kg 2 u.	5.346 kg 103 u.	21.125 kg 15 u.
Southern Africa						
Angola	536.000 kg ICPO	38.007 kg ICPO	15.901 kg	173.724 kg ICPO	20.745 kg ICPO	No Report
Botswana	0.982 kg ICPO	0.700 kg ICPO	1.696 kg ICPO	No Report	No Report	No Report
Lesotho	2.346 kg ICPO	No Report	0.632 kg ICPO	No Report	No Report	No Report
Malawi	No Report	1.500 kg	1.200 kg	No Report	0.250 kg	No Report
Mozambique	No Report	2.134 kg ICPO	0.385 kg ICPO	0.100 kg ICPO	0.012 kg ICPO	No Report
Namibia	23.932 kg INCB	2.110 kg	No Report	0.093 kg	3.036 kg 100 u.	0.189 kg 89 u.
South Africa	151.519 kg	635.908 kg 3825 u.	345.549 kg ICPO 12940 u.	91.202 kg	155.305 kg 3470 u.	436.499 kg
Swaziland	9.650 kg ICPO	No Report	3.609 kg	6.832 kg	1.006 kg	1.058 kg
Zambia	6.498 kg Govt	0.000 kg Govt	1.116 kg	0.005 kg 27 u.	Govt (1	17.300 kg
Zimbabwe	No Report	0.501 kg	0.166 kg	0.593 kg	No Report	No Report
Sub-Total	730.927 kg	680.860 kg 3825 u.	370.254 kg 12940 u.	272.549 kg 27 u.	180.354 kg 3570 u.	455.046 kg 89 u.
West and Central Africa						
Benin	0.015 kg Govt	0.628 kg	No Report	21.494 kg F.O	31.741 kg ICPO	0.050 kg ICPO
Burkina Faso	278.000 kg Govt.	No Report	No Report	No Report	No Report	No Report
Cameroon	No Report	3.780 kg	No Report	No Report	No Report	No Report
Chad	No Report	No Report	0.015 kg ICPO	0.028 kg	No Report	No Report
Congo	No Report	No Report	No Report	40.010 kg	0.020 kg	0.611 kg
Côte d'Ivoire	22.028 kg	19.015 kg	9.287 kg 16 u.	3.442 kg ICPO	1.048 kg	3.150 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
West and Central Africa						
Gabon	No Report	No Report	0.216 kg ICPO	No Report	No Report	No Report
Gambia	0.057 kg ICPO	0.074 kg ICPO	0.060 kg	No Report	7.000 kg	No Report
Ghana	6.350 kg F.O.	5.035 kg	7.062 kg	No Report	No Report	10.400 kg
Niger	28.866 kg ICPO	0.233 kg ICPO	No Report	No Report	No Report	No Report
Nigeria	31.900 kg CICAD	9.260 kg Govt.	15.064 kg	53.950 kg	195.823 kg	35.347 kg
Sao Tome and Principe	0.100 kg	No Report	0.100 kg	No Report	No Report	No Report
Senegal	No Report	5.321 kg ICPO	31.564 kg ICPO 110 u.	0.207 kg ICPO	No Report	0.837 kg ICPO
Togo	13.873 kg Govt.	No Report	No Report	6.213 kg	29.927 kg	3.051 kg
Sub-Total	381.189 kg	43.346 kg	63.368 kg 126 u.	125.344 kg	265.559 kg	53.446 kg
Total region	7169.367 kg	757.680 kg 3825 u.	437.926 kg 13066 u.	421.641 kg 29 u.	458.855 kg 3673 u.	554.662 kg 104 u.
AMERICAS						
Caribbean						
Anguilla	0.003 kg 8 u.	0.108 kg	0.020 kg F.O	No Report	926.000 kg F.O	No Report
Antigua and Barbuda	126.000 kg F.O	1.000 kg F.O	26.000 kg F.O	24.000 kg F.O	767.000 kg F.O	No Report
Aruba	408.307 kg INCB	794.000 kg NAPOL	465.000 kg F.O	346.000 kg F.O	266.000 kg F.O	490.681 kg ICPO
Bahamas	2579.040 kg ICPO	3343.054 kg	1857.000 kg F.O	2759.510 kg	1469.000 kg 3238 u.	2477.273 kg
Barbados	88.050 kg INCB	35.000 kg NAPOL	132.760 kg HONLC	81.000 kg F.O	83.000 kg F.O	No Report
Bermuda	4.516 kg	4.330 kg	8.076 kg	11.574 kg	667.000 kg F.O	8.860 kg
British Virgin Islands	838.000 kg NAPOL	20.000 kg NAPOL	432.000 kg F.O	534.000 kg F.O	2159.040 kg 34 u.	No Report
Cayman Islands	1054.000 kg 319 u.	1195.142 kg 1824 u.	1926.129 kg	1813.000 kg F.O	1006.817 kg 40874 u.	404.825 kg 28199 u.
Cuba	1444.000 kg F.O	669.000 kg NAPOL	2444.000 kg F.O	3145.000 kg F.O	1278.000 kg F.O	406.001 kg ICPO
Dominica	101.000 kg F.O	29.000 kg F.O	82.769 kg ICPO	10.000 kg F.O	6.000 kg F.O	4.526 kg ICPO
Dominican Republic	1234.206 kg	2341.916 kg	1075.953 kg	1310.000 kg CICAD	1913.944 kg	2295.200 kg HONLC
French Guiana	213.000 kg F.O	3.000 kg F.O	446.000 kg F.O	25.000 kg F.O	No Report	No Report
Grenada	6.995 kg INCB	26.500 kg	43.000 kg F.O	103.000 kg F.O	53.389 kg	77.320 kg ICPO
Guadeloupe	66.000 kg F.O	3222.000 kg F.O	593.000 kg F.O	292.000 kg F.O	593.000 kg F.O	No Report
Haiti	2100.000 kg NAPOL	1272.000 kg NAPOL	436.000 kg	594.000 kg F.O	414.000 kg	272.760 kg
Jamaica	414.680 kg ICPO 6296 u.	1143.000 kg F.O	2455.000 kg ICPO 3543 u.	1656.000 kg F.O	2950.910 kg 3099 u.	3725.000 kg ICPO 2750 u.
Martinique	37.000 kg F.O	46.000 kg F.O	36.000 kg F.O	15.000 kg F.O	No Report	No Report
Montserrat	0.130 kg 1 u.	No Report	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Caribbean						
Netherlands Antilles	1302.000 kg F.O	639.000 kg NAPOL	18.000 kg F.O	965.353 kg ICPO	1043.000 kg F.O	2455.168 kg ICPO
Puerto Rico	15153.000 kg F.O	10344.000 kg F.O	9977.000 kg F.O	5516.000 kg F.O	2831.000 kg F.O	208.280 kg ICPO 76637 u.
Saint Kitts and Nevis	150.000 kg F.O	1.000 kg F.O	10.000 kg F.O	53.000 kg INCSR	20.000 kg F.O	No Report
Saint Lucia	7.782 kg	78.137 kg	133.000 kg CICAD	110.473 kg	63.000 kg F.O	No Report
Saint Vincent and the Grenadines	1.000 kg F.O	13.000 kg F.O	15.000 kg F.O	51.000 kg INCSR	207.000 kg F.O	No Report
Trinidad Tobago	71.000 kg CICAD	77.680 kg	137.000 kg CICAD	203.000 kg INCSR	821.880 kg	172.769 kg
Turks and Caicos Islands	1.500 kg	2075.000 kg	3.000 kg	0.136 kg ICPO	4.000 kg F.O	1.689 kg
US Virgin Islands	No Report	No Report	432.028 kg ICPO	No Report	No Report	No Report
Sub-Total	27401.210 kg 6624 u.	27372.870 kg 1824 u.	23183.730 kg 3543 u.	19618.050 kg	19542.980 kg 47245 u.	13000.350 kg 107586 u.
Central America						
Belize	2691.000 kg CICAD	1221.000 kg NAPOL	39.515 kg ICPO	13.000 kg F.O	3854.857 kg	7.549 kg ICPO
Costa Rica*	7857.000 kg ICPO 52170 u.	7387.140 kg 102844 u.	1998.720 kg 56514 u.	5780.730 kg 64998 u.	1747.960 kg 45283 u.	2994.540 kg 100 u.
El Salvador	234.431 kg ICPO	45.256 kg ICPO	38.649 kg	434.700 kg ICPO	31.544 kg	2075.154 kg
Guatemala	5098.466 kg Govt. 17 u.	9217.070 kg	9964.788 kg	1537.360 kg	4107.913 kg	2934.265 kg
Honduras	2187.673 kg 209 u.	1804.000 kg CICAD 603 u.	709.000 kg CICAD 662 u.	1215.000 kg CICAD 1031 u.	No Report	79.023 kg 708 u.
Nicaragua	2790.200 kg 7109 u.	4750.265 kg 21235 u.	833.000 kg CICAD	963.000 kg CICAD	2717.971 kg ICPO	2208.437 kg 12739 u.
Panama	11324.740 kg	11828.085 kg	3139.889 kg	7413.455 kg	2660.000 kg	2587.700 kg HONLC
Sub-Total	32183.510 kg 59505 u.	36252.820 kg 124682 u.	16723.560 kg 57176 u.	17357.240 kg 66029 u.	15120.250 kg 45283 u.	12886.670 kg 13547 u.
North America						
Canada	2090.000 kg 312 u.	562.983 kg 0.007 lt.	1650.518 kg 0.407 lt. 19 u.	280.866 kg 5.156 lt. 26 u.	1678.488 kg 167 u.	181.391 kg 75 u.
Mexico	34952.714 kg	22597.072 kg	34622.602 kg	23195.942 kg (2	29988.684 kg	12639.347 kg
United States	102000.000 Govt. kg	117000.000 Govt. kg	132318.000 kg	99700.000 kg 1514.386 lt. 5326 u.	106212.500 kg	101904.500 (2 kg
Sub-Total	139042.700 kg 312 u.	140160.100 kg 0.007 lt.	168591.100 kg 0.407 lt. 19 u.	123176.800 kg 1519.542 lt. 5352 u.	137879.700 kg 167 u.	114725.200 kg 75 u.
South America						
Argentina	5192.570 kg	1766.900 kg	1660.776 kg	2351.359 kg	2286.858 kg	1638.281 kg
Bolivia	12325.000 kg F.O	11346.000 kg F.O	7712.000 kg F.O	5599.000 kg F.O	4615.000 kg F.O	5103.030 kg

Source: Annual Report Questionnaire if not otherwise indicated

* Reported figures at the time of the preparation of the report; revised figures by the Gov. of Costa Rica show seizures of cocaine for the year 2000 of 5,871 kg; for 2001 1,748.6 kg; for 2002 2,955 kg and for 2003 4,291.2 kg.

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
South America						
Brazil	4309.378 kg	6560.414 kg	7646.103 kg	5555.925 kg	9137.265 kg Govt	9415.200 kg F.O
Chile	2660.720 kg	2952.471 kg	2930.000 kg CICAD	2076.100 kg	2428.090 kg	2262.311 kg
Colombia	42044.000 kg	107480.000 kg	63945.000 kg (3 36411.949 lt.	110428.000 kg	73863.500 kg	118867.000 kg
Ecuador	3697.160 kg	3854.229 kg	10161.831 kg	3308.420 kg ICPO	12242.329 kg	5137.800 kg HONLC
Guyana	167.000 kg F.O	3222.000 kg NAPOL	40.163 kg ICPO	167.000 kg CICAD	73.000 kg ICPO	No Report
Paraguay	77.083 kg	222.352 kg	95.058 kg	96.000 kg CICAD	No Report	230.152 kg
Peru	8795.617 kg	9936.968 kg	11307.116 kg	11847.611 kg	9189.362 kg	14568.175 kg
Suriname	116.099 kg	283.444 kg	185.000 kg CICAD	207.000 kg INCSR	2253.000 kg	340.000 kg
Uruguay	27.968 kg Govt.	23.604 kg	18.698 kg	20.642 kg	24.758 kg ICPO	43.013 kg
Venezuela	16741.000 kg CICAD	8159.000 kg CICAD	12418.839 kg	15063.194 kg	13950.940 kg	17828.940 kg
Sub-Total	96153.600 kg	155807.400 kg	118120.600 kg 36411.950 lt.	156720.300 kg	130064.100 kg	175433.900 kg
Total region	294781.000 kg 66441 u.	359593.100 kg 0.007 lt. 126506 u.	326619.000 kg 36412.360 lt. 60738 u.	316872.300 kg 1519.542 lt. 71381 u.	302607.000 kg 92695 u.	316046.200 kg 121208 u.
ASIA						
Central Asia and Transcaucasian countries						
Azerbaijan	No Report	No Report	0.005 kg	No Report	No Report	No Report
Georgia	No Report	No Report	0.002 kg ICPO	No Report	No Report	No Report
Kazakhstan	No Report	20.000 kg	0.035 kg	No Report	0.054 kg F.O	0.119 kg F.O
Turkmenistan	No Report	1.000 kg Govt.	No Report	No Report	No Report	No Report
Sub-Total		21.000 kg	0.042 kg		0.054 kg	0.119 kg
East and South-East Asia						
Hong Kong SAR, China	31.300 kg	167.700 kg Govt.	11.990 kg	9.004 kg	29.700 kg	8.300 kg
Indonesia	3.301 kg	4.748 kg	0.500 kg	17.415 kg	30.793 kg	2.314 kg
Japan	25.455 kg	20.846 kg	10.349 kg	15.580 kg	23.716 kg	16.900 kg
Korea (Republic of)	11.218 kg	2.080 kg	2.251 kg	No Report	0.111 kg	1.170 kg ICPO
Macau SAR, China	No Report	No Report	No Report	0.008 kg	No Report	0.027 kg
Malaysia	No Report	No Report	No Report	No Report	0.017 kg ICPO	No Report
Mongolia	No Report	No Report	2.800 kg ICPO	No Report	0.400 kg	No Report
Philippines	1.000 kg ICPO	1.080 kg ICPO	0.227 kg	0.588 kg	No Report	8.026 kg
Singapore	No Report	1.050 kg	No Report	No Report	No Report	No Report
Thailand	2.426 kg	3.555 kg	0.619 kg ICPO	4.003 kg HNLP	4.625 kg HNLP	14.730 kg ICPO
Sub-Total	74.700 kg	201.059 kg	28.736 kg	46.598 kg	89.362 kg	51.467 kg
Near and Middle East /South-West Asia						
Bahrain	No Report	No Report	No Report	0.010 kg ICPO	No Report	0.002 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
Iran (Islamic Republic of)	1.700 kg	No Report	No Report	No Report	No Report	No Report
Israel	43.700 kg	99.800 kg	28.229 kg ICPO	11.659 kg	23.617 kg	96.012 kg
Jordan	No Report	0.940 kg	1.912 kg	0.803 kg	0.505 kg	0.188 kg
Kuwait	0.010 kg ICPO	0.003 kg	No Report	36.000 kg ICPO	No Report	0.002 kg ICPO
Lebanon	4.804 kg	11.898 kg	32.013 kg	0.466 kg	7.207 kg	7.839 kg
Pakistan	No Report	0.100 kg	1.100 kg	No Report	No Report	No Report
Saudi Arabia	0.347 kg ICPO	2.202 kg	4.908 kg ICPO	0.708 kg 3 u.	0.046 kg	1.528 kg ICPO
Syrian Arab Republic	0.240 kg Govt	0.235 kg Govt	32.102 kg Govt	7.177 kg Govt	1031.880 kg Govt	57.237 kg
United Arab Emirates	No Report	0.146 kg	0.840 kg	0.537 kg	0.007 kg	0.013 kg
Sub-Total	50.801 kg	115.324 kg	101.104 kg	57.360 kg 3 u.	1063.262 kg	162.821 kg
South Asia						
Bangladesh	No Report	No Report	No Report	0.550 kg	No Report	No Report
India	24.000 kg	1.000 kg	1.000 kg ICPO	0.350 kg F.O	2.000 kg	2.000 kg
Maldives	No Report	No Report	No Report	No Report	No Report	15.801 kg ICPO 15 u.
Nepal	24.000 kg ICPO	No Report	No Report	No Report	No Report	No Report
Sri Lanka	No Report	No Report	No Report	No Report	0.640 kg	No Report
Sub-Total	48.000 kg	1.000 kg	1.000 kg	0.900 kg	2.640 kg	17.801 kg 15 u.
Total region	173.501 kg	338.383 kg	130.882 kg	104.858 kg 3 u.	1155.318 kg	232.209 kg 15 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	2.159 kg ICPO	4.000 kg Govt	0.266 kg Govt	0.006 kg
Belarus	2.074 kg INCB	No Report	No Report	No Report	142.000 kg ICPO	0.003 kg
Bosnia Herzegovina	No Report	0.014 kg ICPO	No Report	164.392 kg NAPOL	No Report	0.240 kg ICPO
Bulgaria	2.011 kg	685.585 kg	17.010 kg	4.333 kg	12.752 kg	36.282 kg
Croatia	563.009 kg	6.426 kg	1.807 kg	913.127 kg	1.487 kg	3.365 kg
Czech Republic	66.828 kg	42.000 kg	140.800 kg	14.712 kg	5.170 kg 9 u.	6.042 kg
Estonia	0.006 kg	2.565 kg 71 u.	0.128 kg 139 u.	0.108 kg 37 u.	0.137 kg	2.286 kg
FYR of Macedonia	0.011 kg NAPOL	0.040 kg	2.955 kg NAPOL	4.689 kg NAPOL	5.860 kg Govt	0.342 kg
Hungary	6.995 kg Govt.	26.385 kg	121.147 kg	9.200 kg	6.015 kg	58.928 kg
Latvia	0.024 kg 0.895 lt.	0.063 kg	1.915 kg	0.027 kg	1.024 kg	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Lithuania	2.049 kg	10.133 kg	0.275 kg	1.841 kg	0.129 kg	0.732 kg
Poland	15.501 kg	21.157 kg	20.082 kg	5.664 kg	No Report	422.179 kg
Republic of Moldova	No Report	No Report	No Report	No Report	0.001 kg	No Report
Romania	69.556 kg ICPO	1.203 kg	9.670 kg	13.140 kg	2.524 kg	2.720 kg
Russian Federation	70.825 kg	100.340 kg	12.749 kg	65.000 kg F.O	82.502 kg	58.155 kg ICPO
Serbia and Montenegro	No Report	No Report	No Report	No Report	3.623 kg	1.926 kg ICPO
Slovakia	9.580 kg ICPO	1.642 kg	2.508 kg	0.166 kg	No Report	0.069 kg
Slovenia	3.573 kg	3.522 kg	1.580 kg	0.098 kg	1.080 kg	55.380 kg
Ukraine	625.010 kg	250.586 kg	26.263 kg ICPO	0.520 kg ICPO	0.018 kg	0.012 kg
Sub-Total	1437.052 kg 0.895 lt.	1151.661 kg 71 u.	361.048 kg 139 u.	1201.017 kg 37 u.	264.589 kg 9 u.	648.666 kg
Western Europe						
Andorra	0.108 kg ICPO	0.064 kg ICPO	0.060 kg	0.023 kg ICPO	0.086 kg	0.270 kg ICPO
Austria	86.902 kg	99.140 kg	63.377 kg	20.375 kg	108.278 kg	36.896 kg
Belgium	3329.000 kg	2088.312 kg	1761.709 kg	2813.991 kg	2813.991 kg UNODC (4	3589.000 kg
Cyprus	0.020 kg	0.018 kg	5.361 kg	57.599 kg	0.123 kg	1.944 kg
Denmark	58.000 kg	44.133 kg	24.200 kg	35.910 kg	25.624 kg	14.152 kg
Finland	0.121 kg	1.987 kg	1.703 kg	38.575 kg	6.500 kg	0.442 kg
France	860.599 kg	1076.000 kg	3697.372 kg	1333.119 kg	2102.257 kg	3660.183 kg
Germany	1721.189 kg	1133.243 kg	1979.100 kg	915.600 kg	1290.087 kg	2142.894 kg
Greece	16.734 kg	283.971 kg	45.485 kg 8 u.	156.245 kg 2 u.	227.287 kg	18.035 kg
Iceland	No Report	No Report	0.955 kg	0.942 kg	0.257 kg	1.870 kg
Ireland	11.044 kg	334.230 kg	85.553 kg	18.041 kg	5.325 kg	30.467 kg
Italy	1639.542 kg 887 u.	2143.804 kg 1341 u.	2997.611 kg ICPO 14 u.	2359.715 kg 2329 u.	1808.910 kg 612 u.	4039.991 kg 646 u.
Liechtenstein	1.065 kg	0.151 kg	0.003 kg	0.010 kg	0.750 kg	0.014 kg
Luxembourg	8.983 kg	5.995 kg	0.327 kg	10.757 kg ICPO	No Report	2.486 kg ICPO
Malta	0.301 kg	0.058 kg	1.366 kg	0.028 kg	2.542 kg	4.535 kg ICPO
Monaco	0.001 kg	0.012 kg	0.056 kg ICPO	0.001 kg ICPO	No Report	0.010 kg
Netherlands	11495.000 kg Govt	8998.000 kg Govt	10361.000 kg Govt	6472.000 kg Govt	8382.000 kg	7968.000 kg
Norway	4.633 kg	93.020 kg	60.477 kg	12.215 kg	20.753 kg	35.828 kg
Portugal	3162.641 kg	624.949 kg	822.560 kg	3075.374 kg	5574.658 kg	3140.103 kg
Spain	18418.760 kg	11687.623 kg	18110.883 kg	6164.770 kg	33681.091 kg	17617.749 kg
Sweden	33.920 kg	18.505 kg	413.945 kg 1.944 lt. 430 u.	52.257 kg	47.388 kg	41.000 kg
Switzerland	349.435 kg	251.616 kg	288.013 kg	207.476 kg	168.637 kg	185.940 kg
Turkey	9.637 kg	604.880 kg	13.153 kg	8.444 kg Govt.	1.010 kg	7.734 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cocaine (base and salts)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
United Kingdom	2350.200 kg	2985.323 kg (5	2972.700 kg NCIS	3970.220 kg	2897.441 kg	2897.441 kg (6
Sub-Total	43557.830 kg 887 u.	32475.040 kg 1341 u.	43706.970 kg 1.944 lt. 452 u.	27723.690 kg 2331 u.	59165.000 kg 612 u.	45436.990 kg 646 u.
Total region	44994.880 kg 0.895 lt. 887 u.	33626.700 kg 1412 u.	44068.020 kg 1.944 lt. 591 u.	28924.700 kg 2368 u.	59429.590 kg 621 u.	46085.660 kg 646 u.
OCEANIA						
Oceania						
Australia	81.944 kg	103.162 kg Govt. (7	70.725 kg	1437.869 kg	1151.255 kg	105.874 kg
Fiji	No Report	No Report	No Report	0.347 kg ICPO	2.000 kg ICPO	No Report
New Zealand	0.037 kg INCB	0.015 kg	0.454 kg	0.249 kg	0.008 kg	0.267 kg
Tonga	0.001 kg INCB	No Report	No Report	No Report	No Report	No Report
Sub-Total	81.982 kg	103.177 kg	71.179 kg	1438.465 kg	1153.263 kg	106.141 kg
Total region	81.982 kg	103.177 kg	71.179 kg	1438.465 kg	1153.263 kg	106.141 kg
TOTAL	347200.800 kg 0.895 lt. 67328 u.	394419.100 kg 0.007 lt. 131743 u.	371327.000 kg 36414.300 lt. 74395 u.	347762.000 kg 1519.542 lt. 73781 u.	364804.000 kg 96989 u.	363024.800 kg 121973 u.

1) Small quantity. 2) Includes crack. 3) The 36411.949 litres correspond to 4,737 gallons coca base liquid and 4,882 gallons cocaine liquid 4) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 5) Included in cannabis seeds. 6) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 7) Provisional figures.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Coca leaf

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
Canada	0.192 kg	No Report	0.316 kg	0.056 kg	0.050 kg	3.405 kg
United States	No Report	No Report	58.436 kg	45.608 kg (1 2.181 lt.	0.600 kg	No Report
Sub-Total	0.192 kg		58.752 kg	45.664 kg 2.181 lt.	0.650 kg	3.405 kg
South America						
Argentina	49754.102 kg	47847.961 kg	68492.192 kg	95901.272 kg	91352.081 kg	45570.390 kg
Bolivia	80090.000 kg F.O	110202.000 kg F.O	ð3911.000 kg F.O	ð9704.000 kg F.O	8072.056 kg	103176.037 kg
Brazil	0.035 kg	No Report	No Report	0.018 kg ICPO	No Report	No Report
Chile	No Report	No Report	No Report	No Report	No Report	0.249 kg ICPO
Colombia	117817.000 kg	340564.000 kg	307783.000 (2 kg	897911.000 kg	583.165 kg	368000.000* kg
Ecuador	No Report	0.050 kg	5000 u.	No Report	No Report	No Report
Peru	146824.953 kg	132209.875 kg	34792.500 kg	48609.597 kg	29324.293 kg	39921.738 kg
Uruguay	No Report	No Report	No Report	No Report	No Report	0.646 kg
Venezuela	No Report	No Report	No Report	No Report	180.000 kg	No Report
Sub-Total	394486.100 kg	630823.900 kg	474978.700 kg 5000 u.	1102126.000 kg	129511.600 kg	556669.100 kg
Total region	394486.300 kg	630823.900 kg	475037.400 kg 5000 u.	1102172.000 kg 2.181 lt.	129512.200 kg	556672.400 kg
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	0.163 kg	No Report	No Report	No Report	No Report
Sub-Total		0.163 kg				
Total region		0.163 kg				
EUROPE						
Eastern Europe						
Hungary	No Report	No Report	No Report	No Report	1.049 kg	0.632 kg
Poland	No Report	No Report	No Report	No Report	45.298 kg	No Report
Serbia and Montenegro	No Report	No Report	No Report	No Report	No Report	1.226 kg
Sub-Total					46.347 kg	1.858 kg
Western Europe						
Denmark	No Report	No Report	No Report	0.043 kg	0.000 kg	No Report
France	No Report	No Report	11.133 kg	No Report	No Report	0.203 kg
Italy	No Report	0.049 kg	0.109 kg ICPO	0.445 kg	0.055 kg	2.255 kg
Norway	No Report	0.001 kg	3.420 kg	No Report	No Report	0.030 kg

Source: Annual Report Questionnaire if not otherwise indicated

* Reported figures at the time of the preparation of the report; revised figures by the Gov. of Colombia show seizures of coca leaf of 638,000 kg for 2002.

SEIZURES, 1997 - 2002

Coca leaf

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Portugal	0.043 kg	0.020 kg	No Report	No Report	No Report	1 u.
Sweden	No Report	No Report	No Report	0.268 kg	No Report	No Report
Sub-Total	0.043 kg	0.070 kg	14.662 kg	0.756 kg	0.055 kg	2.488 kg 1 u.
Total region	0.043 kg	0.070 kg	14.662 kg	0.756 kg	46.402 kg	4.346 kg 1 u.
OCEANIA						
Oceania						
Australia	0.590 kg	No Report	No Report	No Report	0.019 kg	10.443 kg
New Zealand	No Report	0.019 kg	0.011 kg	No Report	4.253 kg	0.013 kg
Sub-Total	0.590 kg	0.019 kg	0.011 kg		4.272 kg	10.456 kg
Total region	0.590 kg	0.019 kg	0.011 kg		4.272 kg	10.456 kg
TOTAL	394486.900 kg	630824.100 kg	475052.100 kg 5000 u.	1102172.000 kg 2.181 lt.	129562.900 kg	556687.300 kg 1 u.

1) Includes cocaine other 2) Do not include 9702 gallons (36726 litres) of coca leaf in process

Source: Annual Report Questionnaire if not otherwise indicated

4.3. Cannabis: Seizures 1997-2002

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Burundi	No Report	No Report	45.847 kg ICPO	No Report	No Report	No Report
Ethiopia	135.346 kg	331.561 kg	807.364 kg	181.821 kg	152.064 kg	155.568 kg
Kenya	11250.000 kg	2375.240 kg	8762.033 kg	5649.000 kg	383253.486 kg Govt (1	77737.711 kg
Madagascar	510.460 kg INCB	No Report	1265.332 kg ICPO	No Report	No Report	No Report
Mauritius	18435.000 kg	3.090 kg	5.592 kg	21.931 kg	66.985 kg	43.492 kg
Rwanda	No Report	No Report	No Report	No Report	No Report	6215.000 kg
Seychelles	No Report	2.056 kg ICPO	1.005 kg	22.014 kg	0.067 kg ICPO	1.042 kg
Somalia	No Report	No Report	No Report	No Report	No Report	1000.000 kg
Uganda	No Report	5530.000 kg	5530.000 kg ICPO	6100.000 kg	50000.000 kg	100.000 kg
United Republic of Tanzania	82539.539 kg	4617.862 kg	6021.273 kg	24293.304 kg ICPO	249639.026 kg Govt	90410.857 kg ICPO
Sub-Total	112870.300 kg	12859.810 kg	22438.450 kg	36268.070 kg	683111.600 kg	175663.700 kg
North Africa						
Algeria	No Report	58.300 kg ICPO	No Report	No Report	No Report	No Report
Egypt	10185.538 kg	31078.387 kg	22588.505 kg	30397.591 kg	50037.000 kg	No Report
Morocco	27955.979 kg	37160.879 kg	No Report	No Report	73.810 kg ICPO	93506.730 kg ICPO
Sudan	No Report	No Report	No Report	1887.805 kg	No Report	No Report
Tunisia	18.163 kg ICPO	2.000 kg	1893.381 kg ICPO	No Report	No Report	No Report
Sub-Total	38159.680 kg	68299.560 kg	24481.890 kg	32285.400 kg	50110.810 kg	93506.730 kg
Southern Africa						
Angola	518.006 kg ICPO	1.975 kg ICPO	2829.167 kg	4733.667 kg ICPO	621.278 kg ICPO	No Report
Botswana	1446.153 kg ICPO	1186.000 kg ICPO	1229.000 kg ICPO	No Report	No Report	1000.000 kg ICPO
Lesotho	10472.073 kg ICPO	21583.824 kg ICPO	7243.697 kg ICPO	No Report	No Report	6513.350 kg ICPO
Malawi	10320.105 kg	5201.971 kg	27141.583 kg	312471.845 kg	8663.694 kg	7131.989 kg
Mozambique	184.024 kg ICPO	462.000 kg ICPO	894.406 kg ICPO	1700.562 kg ICPO	6721.550 kg ICPO	5798.000 kg ICPO
Namibia	298.830 kg INCB	361.395 kg	282.363 kg	302.981 kg	5386.189 kg	949.448 kg ICPO
South Africa	171929.328 kg	197116.297 kg	289943.561 kg ICPO	717701.918 kg	123964.058 kg	104977.750 kg
Swaziland	11302.505 kg ICPO	5943.293 kg	33283.707 kg	14946.718 kg	15064.342 kg	10196.081 kg
Zambia	11176.308 kg Govt	3256.366 kg Govt	7000.653 kg	7318.199 kg	14.600 kg Govt	1605.194 kg
Zimbabwe	4667.320 kg ICPO	6117.086 kg	1816.001 kg	3045.908 kg	1530.254 kg	3722.538 kg
Sub-Total	222314.600 kg	241230.200 kg	371664.200 kg	1062222.000 kg	161966.000 kg	141894.300 kg
West and Central Africa						
Benin	26.862 kg Govt	611.077 kg Govt	25.138 kg Govt	971.781 kg F.O	809.408 kg ICPO	2126.210 kg ICPO
Burkina Faso	2402.734 kg Govt.	No Report	No Report	No Report	2404.713 kg	No Report
Cameroon	No Report	112.875 kg	1154.560 kg	No Report	No Report	443.245 kg 180 u.
Central African Republic	No Report	57.551 kg ICPO	No Report	No Report	No Report	6.650 kg Govt

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
West and Central Africa						
Chad	No Report	No Report	686.000 kg ICPO	378.000 kg	No Report	No Report
Congo	No Report	No Report	1.000 kg	259.000 kg	222.000 kg	1147.830 kg
Côte d'Ivoire	853.871 kg	898.960 kg	1650.189 kg	1236.644 kg ICPO	1876.658 kg	4397.968 kg
Equatorial Guinea	3.500 kg INCB	24.000 kg 6 u.	26.000 kg 46 u.	No Report	No Report	No Report
Gabon	24.255 kg ICPO	114.336 kg ICPO	45.648 kg ICPO	No Report	No Report	No Report
Gambia	566.971 kg ICPO	376.145 kg ICPO	No Report	No Report	700.000 kg	638.959 kg ICPO
Ghana	1409.470 kg F.O.	4375.098 kg	4080.049 kg	No Report	No Report	5418.140 kg
Guinea	No Report	No Report	No Report	640.345 kg ICPO	No Report	No Report
Guinea-Bissau	No Report	No Report	No Report	No Report	367.000 kg	No Report
Mali	404.270 kg ICPO	No Report	No Report	No Report	No Report	No Report
Mauritania	92.006 kg Govt	17.200 kg Govt	No Report	No Report	No Report	No Report
Niger	499.887 kg ICPO	682.173 kg ICPO	1356.162 kg ICPO	No Report	No Report	No Report
Nigeria	15904.721 kg	16170.500 kg Govt.	17691.014 kg	272260.020 kg	317950.204 kg	506846.009 kg
Saint Helena	3.009 kg	0.183 kg	No Report	0.075 kg		No Report
Sao Tome and Principe	0.200 kg	No Report	No Report	No Report	15.000 kg	No Report
Senegal	13627.390 kg F.O.	69652.000 kg F.O.	7165.830 kg ICPO	No Report	No Report	4888.080 kg ICPO
Togo	1066.189 kg Govt.	No Report	No Report	429.056 kg	655.247 kg	234.641 kg
Sub-Total	36885.330 kg	93092.090 kg 6 u.	33881.590 kg 46 u.	276174.900 kg	325000.200 kg	526147.700 kg 180 u.
Total region	410230.000 kg	415481.700 kg 6 u.	452466.100 kg 46 u.	1406950.000 kg	1220189.000 kg	937212.400 kg 180 u.
AMERICAS						
Caribbean						
Anguilla	0.644 kg	5.037 kg	8.000 kg F.O	No Report	1.000 kg F.O	No Report
Antigua and Barbuda	628.000 kg F.O	105.000 kg F.O	94.000 kg F.O	67.000 kg F.O	662.000 kg F.O	No Report
Aruba	13.000 kg F.O	No Report	142.000 kg F.O	12.000 kg F.O	1159.000 kg F.O	434.247 kg ICPO
Bahamas	3763.000 kg F.O	2591.065 kg	3610.000 kg F.O	4093.000 kg	4174.000 kg 9203 u.	11515.000 kg
Barbados	1132.027 kg INCB	1650.000 kg CICAD	333.580 kg HONLC	2948.000 kg F.O	5748.925 kg ICPO	No Report
Bermuda	91.800 kg	91.800 kg	87.067 kg	136.579 kg	32.000 kg F.O	360.000 kg
British Virgin Islands	85.000 kg F.O	84.000 kg F.O	354.000 kg F.O	26.000 kg F.O	151.950 kg 80 u.	No Report
Cayman Islands	3422.073 kg 427 u.	4063.009 kg 650 u.	5100.371 kg	6621.000 kg	11818.000 kg	6681.000 kg
Cuba	6023.000 kg F.O	4610.000 kg F.O	5559.000 kg F.O	8802.000 kg F.O	6121.000 kg F.O	6023.428 kg ICPO
Dominica	404.000 kg F.O	361.000 kg F.O	192.000 kg F.O	468.000 kg CICAD	521.000 kg F.O	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Caribbean						
Dominican Republic	800.660 kg	110.298 kg	184.333 kg	1526.000 kg [CICAD]	3815.900 kg	1749.000 kg [HONLC]
French Guiana	123.000 kg [F.O]	127.000 kg [F.O]	134.000 kg [F.O]	58.000 kg [F.O]	No Report	No Report
Grenada	123.199 kg [INCB]	84.000 kg	219.000 kg [F.O]	103.000 kg [INCSR]	133.690 kg	379.280 kg [ICPO] 547 u.
Guadeloupe	20179.000 kg [F.O]	8860.000 kg [F.O]	515.000 kg [F.O]	1017.000 kg [F.O]	516.000 kg [F.O]	No Report
Haiti	9000.000 kg [F.O]	9255.000 kg [F.O]	71.030 kg	401.000 kg [F.O]	1705.000 kg [F.O]	149.050 kg
Jamaica	24729.000 kg [F.O]	35911.000 kg [F.O]	56226.940 kg [ICPO]	55870.000 kg [F.O]	74044.000 kg	27137.000 kg [ICPO]
Martinique	355.000 kg [F.O]	136.000 kg [F.O]	199.000 kg [F.O]	749.000 kg [F.O]	No Report	No Report
Montserrat	3.285 kg 14090 u.	No Report	2677.000 kg [F.O]	0.497 kg	No Report	No Report
Netherlands Antilles	1553.310 kg [INCB]	No Report	541.000 kg [F.O]	39.782 kg [ICPO]	3772.000 kg [F.O]	5691.000 kg [ICPO]
Puerto Rico	1337.000 kg [F.O]	1285.000 kg [F.O]	12605.000 kg [F.O]	1982.000 kg [F.O]	24.000 kg [F.O]	49536.000 kg [ICPO] 1177 u.
Saint Kitts and Nevis	67.000 kg [F.O]	31.000 kg [F.O]	14124.000 kg [F.O]	119.000 kg [INCSR]	330.000 kg [F.O]	No Report
Saint Lucia	621.684 kg	363.663 kg	267.000 kg [CICAD]	1803.610 kg	753.000 kg [F.O]	No Report
Saint Vincent and the Grenadines	527.000 kg [F.O]	1321.000 kg [F.O]	7180.000 kg [F.O]	1709.000 kg [INCSR]	1962.000 kg [F.O]	No Report
Trinidad Tobago	1430.000 kg [CICAD]	3483.545 kg	8287.000 kg [CICAD]	1546.000 kg [F.O]	2393.950 kg	1135.404 kg
Turks and Caicos Islands	22.000 kg	8.000 kg	68.500 kg	27.000 kg [F.O]	24.000 kg [F.O]	12.802 kg
US Virgin Islands	No Report	No Report	48.123 kg [ICPO]	No Report	No Report	No Report
Sub-Total	76433.690 kg 14517 u.	74536.420 kg 650 u.	118826.900 kg	90124.470 kg	119862.400 kg 9283 u.	110803.200 kg 1724 u.
Central America						
Belize	263.000 kg [CICAD]	1557.000 kg [F.O]	392.000 kg [F.O]	249.000 kg [F.O]	269.909 kg	392.468 kg [ICPO]
Costa Rica*	107.000 kg [CICAD]	469.340 kg	1693.550 kg	1140.650 kg	2848.620 kg	688.130 kg
El Salvador	971.247 kg [ICPO]	291.202 kg [ICPO]	604.581 kg	455.700 kg [ICPO]	463.917 kg	666.059 kg
Guatemala	256.222 kg [Govt.]	193.970 kg	814.212 kg	158.450 kg	584.550 kg	1098.310 kg
Honduras	2.147 kg	1293.000 kg [CICAD]	1583.000 kg [CICAD]	1112.000 kg [CICAD]	No Report	416.142 kg 1127 u.
Nicaragua	285.198 kg	613.027 kg	754.000 kg [CICAD]	737.000 kg [CICAD]	586.560 kg [ICPO]	631.028 kg
Panama	14102.067 kg	16536.006 kg	3477.268 kg	3657.498 kg	1639.000 kg	1842.000 kg [HONLC]
Sub-Total	15986.880 kg	20953.550 kg	9318.610 kg	7510.298 kg	6392.556 kg	5734.137 kg 1127 u.
North America						
Canada	50624.000 kg	27299.990 kg 8 u.	44541.000 kg 52 u.	70221.600 kg 738 u.	6833.524 kg 18 u.	13278.116 kg
Mexico	1038470.414 kg	1062143.980 kg	1471959.958 kg	2050402.078 kg	1837524.728 kg * *	1633326.209 kg
United States	684745.375 kg	799000.875 kg [Govt.]	1175373.000 kg	218256.453 kg	682574.100 kg	1110525.400 kg

Source: Annual Report Questionnaire if not otherwise indicated

* Reported figures at the time of the preparation of the report; revised figures by the Gov. of Costa Rica show seizures of cannabis herb of 553.08 kg in 1997; 2,887 kg in 2001; 728.76 kg in 2002 and 1,764.93 in 2003.

* * Reported figures at the time of the preparation of the report, revised figures by the Gov. of Mexico show seizures of cannabis herb of 1839357.121 Kg in 2001.

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
Sub-Total	1773840.000 kg	1888445.000 kg 8 u.	2691874.000 kg 52 u.	2338880.000 kg 738 u.	2526932.000 kg 18 u.	2757130.000 kg
South America						
Argentina	13709.620 kg	10920.230 kg	18301.339 kg	25538.966 kg	33052.239 kg	44823.951 kg
Bolivia	3617.000 kg F.O	320.000 kg F.O	2160.000 kg F.O	3745.000 kg F.O	7054.500 kg F.O	8753.957 kg
Brazil	31828.432 kg	28982.492 kg	69171.506 kg	159073.232 kg	146279.636 kg Govt	194080.000 kg F.O
Chile	784.430 kg	2238.325 kg	2105.000 kg CICAD	3277.341 kg (2	2418.496 kg	8832.672 kg
Colombia	178132.000 kg Govt.	70025.000 kg	70124.000 kg	75465.000 kg	86610.000 kg	76998.000 kg
Ecuador	224.206 kg	17734.697 kg	2976.910 kg	18263.357 kg ICPO	3079.376 kg	1571.000 kg HONLC
Guyana	40.000 kg F.O	51.000 kg F.O	3528.000 kg F.O	4387.000 kg F.O	243.000 kg ICPO	No Report
Paraguay	17218.105 kg	80077.914 kg	199282.319 kg	51081.000 kg CICAD	No Report	48140.946 kg
Peru	20910.326 kg	19880.324 kg	4055.732 kg	1635.419 kg	2601.446 kg	2888.717 kg
Suriname	65.000 kg F.O	104.754 kg	177.000 kg CICAD	107.000 kg INCSR	46.000 kg	205.000 kg
Uruguay	25601.006 kg Govt.	424.778 kg	493.783 kg	805.843 kg	1115.222 kg ICPO	899.704 kg
Venezuela	No Report	4500.000 kg CICAD	13055.778 kg	14999.634 kg	14431.800 kg	20919.610 kg
Sub-Total	292130.100 kg	235259.500 kg	385431.300 kg	358378.800 kg	296931.700 kg	408113.600 kg
Total region	2158391.000 kg 14517 u.	2219195.000 kg 658 u.	3205451.000 kg 52 u.	2794894.000 kg 738 u.	2950119.000 kg 9301 u.	3281781.000 kg 2851 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	0.888 kg	46.675 kg Govt.	53.798 kg	14.081 kg	76.084 kg
Azerbaijan	37.475 kg ICPO	40.287 kg	55.395 kg	2773.104 kg ICPO	61.500 kg	2212.550 kg
Georgia	No Report	No Report	31972.800 kg ICPO	No Report	32397.000 kg ICPO	No Report
Kazakhstan	11800.000 kg Govt.	716.236 kg	10481.505 kg	No Report	11789.000 kg F.O	17072.230 kg F.O
Kyrgyzstan	694.100 kg F.O	1569.243 kg F.O	1716.475 kg (3	3748.220 kg (4	2250.663 kg (4	2525.915 kg
Tajikistan	336.311 kg F.O	323.331 kg F.O	No Report	No Report	750.486 kg	998.956 kg
Uzbekistan	374.496 kg	358.558 kg	288.689 kg	No Report	No Report	417.900 kg
Sub-Total	13242.380 kg	3008.543 kg	44561.540 kg	6575.122 kg	47262.730 kg	23303.630 kg
East and South-East Asia						
Brunei Darussalam	0.139 kg	3.288 kg	0.364 kg	0.054 kg	0.007 kg	1.132 kg
Cambodia	53751.000 kg ICPO	No Report	No Report	No Report	No Report	No Report
China	2408.000 kg	5079.000 kg	No Report	4493.000 kg Govt.	751.000 kg Govt.	1300.000 kg Govt.
Hong Kong SAR, China	1002.100 kg	585.000 kg Govt.	24.727 kg	226.007 kg	No Report	665.910 kg
Indonesia	715.735 kg	1071.862 kg	3741.068 kg	6332.908 kg	27390.075 kg	61291.436 kg
Japan	155.246 kg	120.884 kg	565.904 kg	310.246 kg	1070.248 kg	256.500 kg 24 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Korea (Republic of)	59.548 kg	32.751 kg	39.442 kg	39.371 kg ICPO	283.869 kg	194.795 kg ICPO
Lao People's Dem. Rep.	7026.000 kg Govt.	410.000 kg INCSR	2187.000 kg HNLP	1860.000 kg INCSR	1702.000 kg Govt	1932.200 kg
Macau SAR, China	5.519 kg ICPO	1.661 kg ICPO	3.000 kg INCB	16.381 kg	0.519 kg	0.124 kg
Malaysia	3889.132 kg	1781.010 kg	2064.498 kg	1885.450 kg	1570.526 kg ICPO	1734.133 kg ICPO
Mongolia	No Report	No Report	5.000 kg ICPO	5.800 kg ICPO	No Report	No Report
Myanmar	288.034 kg	380.970 kg	274.282 kg	601.508 kg	284.387 kg	281.988 kg
Philippines	2172.452 kg Govt (5	2057.974 kg Govt (5	1187.870 kg	1429.474 kg Govt (5	706.418 kg Govt (5	1361.507 kg
Singapore	4363.452 kg	21.831 kg (3	7.432 kg (3	23.903 kg	8.843 kg	2.637 kg ICPO
Thailand	9141.927 kg	5581.840 kg	14706.198 kg	10320.000 kg HNLP	10921.000 kg F.O	12095.000 kg F.O
Viet Nam	7986.000 kg ICPO	379.000 kg ICPO	400.100 kg F.O	2139.000 kg ICPO	1289.005 kg	No Report
Sub-Total	92964.290 kg	17507.070 kg	25206.890 kg	29683.100 kg	45977.900 kg	81117.370 kg 24 u.
Near and Middle East /South-West Asia						
Bahrain	7.382 kg	0.041 kg ICPO	0.042 kg ICPO	7.417 kg ICPO	No Report	0.008 kg
Iran (Islamic Republic of)	No Report	No Report	No Report	1495.000 kg ICPO	No Report	No Report
Iraq	No Report	No Report	270.000 kg INCB	569.970 kg ICPO	No Report	No Report
Israel	10635.000 kg	3581.000 kg	3400.000 kg ICPO	9855.000 kg	11685.000 kg	12382.000 kg
Jordan	0.106 kg	No Report	No Report	No Report	55.034 kg	1.440 kg
Kuwait	28.580 kg ICPO	0.246 kg	ICPO	3.099 kg ICPO	No Report	715.060 kg ICPO
Lebanon	No Report	No Report	1.379 kg	0.017 kg	0.011 kg	0.091 kg
Oman	No Report	No Report	0.269 kg	6823.000 kg ICPO	0.001 kg	0.306 kg
Pakistan	No Report	No Report	No Report	1223.205 kg ICPO	No Report	68346.000 kg F.O
Qatar	No Report	146.250 kg ICPO	3.297 kg ICPO	0.300 kg ICPO	No Report	0.003 kg
Saudi Arabia	No Report	No Report	No Report	No Report	No Report	5591.000 kg ICPO
Syrian Arab Republic	1714.634 kg Govt	231.759 kg Govt	819.058 kg Govt	222.016 kg Govt	379.957 kg Govt	No Report
United Arab Emirates	No Report	0.095 kg	0.341 kg	No Report	2.566 kg	0.425 kg
Yemen	0.569 kg ICPO	11.350 kg ICPO	No Report	24.990 kg ICPO	No Report	No Report
Sub-Total	12386.270 kg	3970.741 kg	4494.386 kg	20224.010 kg	12122.570 kg	87036.330 kg
South Asia						
Bangladesh	No Report	No Report	724.070 kg F.O	2657.899 kg	1421.200 kg ICPO	1721.816 kg
India	80866.000 kg	68221.000 kg	38610.000 kg	100056.000 kg	75943.000 kg Govt (6	93477.000 kg Govt
Maldives	No Report	0.001 kg	0.022 kg	No Report	0.004 kg	0.072 kg ICPO
Nepal	2040.894 kg ICPO	6409.669 kg	4064.650 kg	8025.308 kg ICPO	No Report	850.031 kg
Sri Lanka	63338.734 kg	3450.686 kg	4062.421 kg	5026.336 kg	113238.733 kg	555.135 kg ICPO
Sub-Total	146245.600 kg	78081.360 kg	47461.160 kg	115765.500 kg	190602.900 kg	96604.050 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Total region	264838.600 kg	102567.700 kg	121724.000 kg	172247.800 kg	295966.100 kg	288061.400 kg 24 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	4395.156 kg ICPO	6604.000 kg Govt	6915.000 kg Govt	13717.898 kg
Belarus	90.802 kg INCB	No Report	425.000 kg	124.000 kg	103.000 kg ICPO	89.000 kg
Bosnia Herzegovina	1.002 kg NAPOL	53.815 kg NAPOL	59.144 kg ICPO	127.982 kg NAPOL	467.585 kg ICPO	919.545 kg ICPO
Bulgaria	227.440 kg	1527.562 kg	29365.000 kg	295.947 kg	183.061 kg	1308.970 kg
Croatia	135.868 kg	20342.877 kg	200.898 kg	797.501 kg	737.911 kg	608.070 kg
Czech Republic	5.403 kg	5.500 kg	111.200 kg	16.648 kg	190.450 kg	100.728 kg
Estonia	3.439 kg	4.789 kg 358 u.	1.468 kg 491 u.	4.190 kg 673 u.	0.903 kg	1.747 kg
FYR of Macedonia	57.989 kg NAPOL	1136.752 kg	698.098 kg NAPOL	1333.399 kg NAPOL	99.115 kg Govt	29.234 kg
Hungary	2140.000 kg Govt.	42.930 kg	65.725 kg	51.000 kg	131.030 kg	114.755 kg
Latvia	22.000 kg	2.480 kg	231.200 kg	6.780 kg	193.580 kg	No Report
Lithuania	8.063 kg	30.357 kg	25.667 kg	14.428 kg	15.540 kg	5.300 kg
Poland	62.476 kg	62.146 kg	847.901 kg	139.000 kg	74.306 kg	495.700 kg
Republic of Moldova	435.500 kg	No Report	416.000 kg ICPO	No Report	No Report	No Report
Romania	40.186 kg ICPO	7.478 kg	4.530 kg ICPO	321.000 kg ICPO	155.000 kg	14904.710 kg ICPO
Russian Federation	22976.000 kg	23510.650 kg	33801.919 kg	23313.000 kg F.O	43877.267 kg	29847.879 kg ICPO
Serbia and Montenegro	No Report	No Report	No Report	No Report	1230.224 kg	1729.501 kg
Slovakia	865.615 kg	12539.934 kg	156.000 kg	168.196 kg	No Report	151.500 kg
Slovenia	47.555 kg	2772.604 kg	249.156 kg	3413.025 kg	177.880 kg	1099.940 kg
Ukraine	No Report	No Report	4045.000 kg ICPO. (6	11609.932 kg ICPO	8195.320 kg	80.000 kg
Sub-Total	27119.340 kg	62039.880 kg 358 u.	75099.070 kg 491 u.	48340.030 kg 673 u.	62747.170 kg	65204.480 kg
Western Europe						
Andorra	1.892 kg ICPO	0.116 kg ICPO	0.046 kg	0.237 kg ICPO	0.200 kg	0.111 kg
Austria	668.071 kg	1211.031 kg	341.402 kg	1562.828 kg	282.255 kg	450.289 kg
Belgium	39072.000 kg	2463.270 kg	2914.749 kg	8206.746 kg	8206.746 kg UNODC (7	23920.000 kg
Cyprus	17.582 kg	128.905 kg	30.108 kg	28.875 kg	37.537 kg	9.169 kg
Denmark	No Report	No Report	52.830 kg	739.819 kg 14032 u.	762.262 kg	50.671 kg
Finland	12.153 kg	8.014 kg	18.167 kg	13.825 kg	16.100 kg	32.000 kg
France	3452.210 kg	3521.790 kg	3382.205 kg	4865.558 kg	3922.370 kg	6146.700 kg
Germany	4167.282 kg	14897.189 kg	15021.800 kg	5870.900 kg	2078.703 kg	6130.199 kg
Greece	12409.776 kg 482 u.	17510.434 kg	12038.938 kg 10 u.	14908.448 kg	11653.193 kg	6021.447 kg
Iceland	No Report	No Report	0.503 kg	5.092 kg	0.030 kg	1.439 kg
Ireland	34.824 kg	38.909 kg	68.290 kg	207.954 kg	11590.057 kg	6105.710 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis herb

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Italy	45011.035 kg 2675 u.	38785.988 kg 1192 u.	21248.982 kg [ICPO]	26071.488 kg 2068 u.	36622.637 kg 967 u.	16397.838 kg 823 u.
Liechtenstein	1.530 kg	No Report	No Report	0.972 kg [3]	422.470 kg	1.442 kg
Luxembourg	34.387 kg	4.956 kg	3.932 kg	8.383 kg [ICPO]	No Report	18.196 kg [ICPO]
Malta	0.163 kg	0.069 kg	0.161 kg	No Report	0.022 kg	0.846 kg [ICPO]
Monaco	0.028 kg	0.032 kg	0.013 kg [ICPO]	0.024 kg [ICPO]	No Report	0.093 kg
Netherlands	35315.000 kg [Govt]	55463.000 kg [Govt]	49115.000 kg [Govt]	10330.000 kg [Govt]	21139.000 kg	42675.000 kg [3]
Norway	44.095 kg	88.172 kg	16.471 kg	20.905 kg	35.384 kg	105.654 kg
Portugal	72.240 kg	7.115 kg	65.766 kg	223.212 kg	234.533 kg	361.026 kg
Spain	24890.311 kg	412.866 kg	761.342 kg	353.292 kg	532.420 kg	380.733 kg
Sweden	30.705 kg	98.431 kg	28.228 kg 4 u.	45.597 kg	13.981 kg	76.000 kg
Switzerland	6634.843 kg	13163.982 kg	7800.229 kg	18313.602 kg	11106.537 kg	21893.240 kg
Turkey	No Report	No Report	5458.350 kg [ICPO]	1.000 kg	4561.533 kg	5524.179 kg
United Kingdom	31120.199 kg	21660.666 kg	15410.048 kg [ICPO] 20 u.	25473.979 kg	26740.984 kg	26740.984 kg [8]
Sub-Total	202990.300 kg 3157 u.	169464.900 kg 1192 u.	133777.600 kg 34 u.	117252.700 kg 16100 u.	139959.000 kg 967 u.	163043.000 kg 823 u.
Total region	230109.700 kg 3157 u.	231504.800 kg 1550 u.	208876.600 kg 525 u.	165592.800 kg 16773 u.	202706.100 kg 967 u.	228247.500 kg 823 u.
OCEANIA						
Oceania						
Australia	4398.986 kg [9]	15996.628 kg [Govt. (6]	3340.917 kg [Govt. (6]	4365.089 kg [Govt. (10]	6918.357 kg	5310.996 kg [11]
Fiji	No Report	No Report	45.618 kg [ICPO]	106.200 kg [ICPO]	316.750 kg [ICPO]	14.414 kg [ICPO]
New Caledonia	133.610 kg [INCB]	No Report	132.000 kg [INCB]	No Report	No Report	No Report
New Zealand	285.012 kg	389.182 kg [9]	323.649 kg	332.396 kg	1847.000 kg	593.078 kg
Tonga	0.297 kg [INCB]	No Report	No Report	No Report	No Report	No Report
Sub-Total	4817.905 kg	16385.810 kg	3842.184 kg	4803.685 kg	9082.107 kg	5918.488 kg
Total region	4817.905 kg	16385.810 kg	3842.184 kg	4803.685 kg	9082.107 kg	5918.488 kg
TOTAL	3068387.000 kg 17674 u.	2985135.000 kg 2214 u.	3992360.000 kg 623 u.	4544489.000 kg 17511 u.	4678062.000 kg 10268 u.	4741221.000 kg 3878 u.

1) Includes plants,resin & seeds 2) No. of seizures include seizures of cannabis plant 3) Including cannabis resin. 4) Including cannabis resin and plants 5) Including cannabis resin 6) Provisional figures. 7) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 8) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 9) Including cannabis resin, liquid cannabis. 10) Fiscal year 11) Includes 1855.237kg of Cannabis unspecified

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	7.007 kg	No Report	3.200 kg [ICPO]	6356.000 kg	21.000 kg [ICPO]	17.172 kg
Mauritius	No Report	0.130 kg	[(1]	0.007 kg	0.040 kg	0.027 kg
Seychelles	No Report	1.073 kg [Govt.]	72.883 kg	32.962 kg	17.934 kg [ICPO]	2.986 kg
Uganda	No Report	25.000 kg	8.797 kg	No Report	No Report	No Report
United Republic of Tanzania	No Report	42.162 kg	No Report	15.000 kg [ICPO]	12.500 kg [Govt]	1865.614 kg [ICPO]
Sub-Total	7.007 kg	68.365 kg	84.880 kg	6403.969 kg	51.474 kg	1885.799 kg
North Africa						
Algeria	No Report	1217.179 kg [ICPO]	4080.662 kg	1694.127 kg [ICPO]	1728.258 kg [ICPO]	2148.379 kg
Egypt	441.588 kg	628.434 kg	626.000 kg	525.000 kg	486.000 kg	1080.000 kg
Libyan Arab Jam.	310.000 kg [F.O]	471.955 kg	1.476 kg [F.O]	3.418 kg [F.O]	7.044 kg [F.O]	No Report
Morocco	71887.469 kg	55519.734 kg	54755.235 kg	143946.033 kg	61355.736 kg	66394.000 kg
Tunisia	201.074 kg [ICPO]	806.324 kg	1893.381 kg	536.684 kg [ICPO]	1288.877 kg	977.730 kg
Sub-Total	72840.130 kg	58643.630 kg	61356.760 kg	146705.300 kg	64865.920 kg	70600.100 kg
Southern Africa						
Lesotho	3.942 kg [ICPO]	No Report	No Report	No Report	No Report	No Report
Malawi	No Report	3.000 kg	3.000 kg	No Report	No Report	No Report
Mozambique	12000.000 kg [ICPO]	14.160 kg [ICPO]	11.000 kg [ICPO]	15542.000 kg [ICPO]	0.200 kg [ICPO]	No Report
South Africa	2.150 kg	20.568 kg	22.612 kg [ICPO]	11500.000 kg	534.146 kg	696.170 kg
Swaziland	No Report	No Report	No Report	No Report	5.056 kg	No Report
Zambia	40.269 kg [Govt]	3.111 kg [Govt]	4.201 kg	14.604 kg	0.016 kg [Govt]	1037.000 kg
Zimbabwe	No Report	3.191 kg	No Report	No Report	0.081 kg	11.000 kg
Sub-Total	12046.360 kg	44.030 kg	40.813 kg	27056.600 kg	539.499 kg	1744.170 kg
West and Central Africa						
Benin	No Report	No Report	No Report	350.000 kg [ICPO]	13.000 kg [ICPO]	No Report
Burkina Faso	4647.000 kg [Govt.]	No Report	No Report	No Report	No Report	No Report
Gambia	0.048 kg [ICPO]	0.420 kg [ICPO]	0.007 kg	No Report	No Report	1.966 kg [ICPO]
Saint Helena	No Report	No Report	No Report	No Report	No Report	1 u.
Sao Tome and Principe	4.000 kg	No Report	No Report	No Report	No Report	No Report
Senegal	No Report	No Report	No Report	5390.000 kg [ICPO]	No Report	No Report
Sub-Total	4651.048 kg	0.420 kg	0.007 kg	5740.000 kg	13.000 kg	1.966 kg 1 u.
Total region	89544.540 kg	58756.440 kg	61482.460 kg	185905.800 kg	65469.890 kg	74232.040 kg 1 u.
AMERICAS						
Caribbean						
Antigua and Barbuda	1944.900 kg [ICPO]	No Report	1000.000 kg [CICAD]	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Caribbean						
Aruba	0.004 kg [INCB]	No Report	No Report	No Report	No Report	No Report
Bahamas	5.030 kg [ICPO]	16.082 kg	2.095 kg [ICPO]	27.900 kg	14.220 kg 31 u.	61.690 kg [ICPO]
Barbados	No Report	No Report	1.270 kg [HONLC]	No Report	No Report	No Report
Bermuda	0.609 kg	0.609 kg	171.002 kg	1.136 kg	No Report	1.550 kg
Cuba	No Report	No Report	66.200 kg [F.O]	No Report	No Report	0.192 kg [ICPO]
Dominica	No Report	No Report	0.015 kg [ICPO]	No Report	51.580 kg [ICPO]	No Report
Dominican Republic	No Report	No Report	184.000 kg [ICPO]	No Report	0.008 kg	0.007 kg [ICPO]
Jamaica	67.590 kg [ICPO]	No Report	61.450 kg [ICPO]	20.000 kg [CICAD]	8.100 kg	497.000 kg [ICPO]
Netherlands Antilles	0.354 kg [INCB]	No Report	No Report	0.061 kg [ICPO]	0.104 kg [ICPO]	0.060 kg [ICPO]
Saint Lucia	[2]	No Report	No Report	0.071 kg	No Report	No Report
Trinidad Tobago	No Report	2725.305 kg	No Report	No Report	No Report	No Report
Turks and Caicos Islands	No Report	No Report	No Report	0.202 kg [ICPO]	No Report	No Report
Sub-Total	2018.487 kg	2741.996 kg	1486.032 kg	49.370 kg	74.012 kg 31 u.	560.499 kg
Central America						
Honduras	No Report	No Report	1027 u. [CICAD]	No Report	No Report	No Report
Panama	No Report	No Report	No Report	0.002 kg [ICPO]	No Report	No Report
Sub-Total			1027 u.	0.002 kg		
North America						
Canada	6178.000 kg	15925.320 kg 0.002 lt. 97 u.	6477.000 kg 1.000 lt. 5 u.	16317.600 kg 31 u.	1755.997 kg	158.893 kg
Mexico	115.155 kg	1.743 kg	0.329 kg	0.005 kg	29.507 kg	0.035 kg
United States	1072.600 kg	No Report	761.000 kg	945.137 kg	56.500 kg	620.900 kg
Sub-Total	7365.755 kg	15927.060 kg 0.002 lt. 97 u.	7238.330 kg 1.000 lt. 5 u.	17262.740 kg 31 u.	1842.004 kg	779.828 kg
South America						
Argentina	0.060 kg	1.880 kg	5006 u.	9.114 kg	1.219 kg	1.891 kg
Brazil	12.160 kg	No Report	37.550 kg	41.009 kg	43.519 kg [Govt]	36.100 kg [F.O]
Chile	No Report	No Report	No Report	0.001 kg	No Report	No Report
Colombia	7.000 kg	No Report	338.000 kg	38.000 lt. [CICAD]	0.200 kg	No Report
Falkland Islands	0.122 kg	No Report	0.063 kg	0.120 kg	No Report	No Report
Paraguay	1.780 kg	3.702 kg	2.337 kg	No Report	No Report	1301.000 kg
Suriname	No Report	0.529 kg	No Report	No Report	No Report	No Report
Uruguay	No Report	No Report	1.136 kg	0.045 kg	No Report	2.387 kg
Sub-Total	21.122 kg	6.111 kg	379.085 kg 5006 u.	50.289 kg 38.000 lt.	44.938 kg	1341.378 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Total region	9405.364 kg	18675.170 kg 0.002 lt. 97 u.	9103.447 kg 1.000 lt. 6038 u.	17362.400 kg 38.000 lt. 31 u.	1960.954 kg 31 u.	2681.705 kg
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	No Report	0.178 kg ICPO	0.169 kg	0.112 kg	0.914 kg
Azerbaijan	No Report	23.256 kg	0.832 kg	No Report	15.500 kg	0.169 kg
Georgia	No Report	No Report	0.003 kg ICPO	0.009 kg ICPO	No Report	No Report
Kazakhstan	4100.000 kg Govt.	298.635 kg	145.462 kg	No Report	276.160 kg F.O	192.650 kg F.O
Tajikistan	630.311 kg F.O	726.449 kg F.O	560.000 kg F.O	429.981 kg F.O	No Report	No Report
Turkmenistan	No Report	22249.000 kg Govt.	I0413.000 kg F.O	No Report	No Report	No Report
Uzbekistan	316.055 kg	No Report	694.000 kg F.O	65.100 kg	86.000 kg F.O	44.700 kg
Sub-Total	5046.366 kg	23297.340 kg	11813.480 kg	495.259 kg	377.772 kg	238.433 kg
East and South-East Asia						
Hong Kong SAR, China	38.900 kg	No Report	14.376 kg	6.004 kg	0.700 kg	0.370 kg
Indonesia	No Report	0.690 kg 230 u.	300.005 kg HNLP	3.885 kg	5.632 kg	0.687 kg
Japan	107.421 kg	214.560 kg	200.297 kg	185.416 kg	73.499 kg	275.300 kg
Korea (Republic of)	0.635 kg	0.884 kg	1.963 kg	No Report	4.254 kg	158.968 kg ICPO
Macau SAR, China	No Report	0.995 kg ICPO	No Report	0.043 kg	0.499 kg	No Report
Mongolia	No Report	No Report	No Report	No Report	2 u.	No Report
Philippines	0.283 kg ICPO	No Report	No Report	1.770 kg 2 u.	8.015 kg	265.000 kg
Thailand	45.169 kg	20.592 kg	121.220 kg	91.903 kg ICPO	No Report	52.170 kg ICPO
Sub-Total	192.408 kg	237.721 kg 230 u.	637.860 kg	289.021 kg 2 u.	92.599 kg 2 u.	752.495 kg
Near and Middle East /South-West Asia						
Afghanistan	No Report	No Report	No Report	No Report	No Report	50314.044 kg
Bahrain	0.012 kg	1.036 kg ICPO	1263.049 kg ICPO	No Report	No Report	3.700 kg
Iran (Islamic Republic of)	11095.789 kg	14376.364 kg	18907.000 kg	31581.000 kg NAPOL	46084.000 kg	64166.000 kg Govt
Iraq	No Report	No Report	No Report	569.970 kg	2343.796 kg	No Report
Israel	133.000 kg	60.900 kg	70.000 kg ICPO	30.218 kg	143.000 kg	2893.000 kg
Jordan	No Report	166.737 kg	112.410 kg	298.456 kg	785.542 kg	864.966 kg
Kuwait	0.530 kg ICPO	214.103 kg	972.878 kg ICPO	3488.000 kg F.O	No Report	No Report
Lebanon	1876.281 kg	2492.609 kg	76.698 kg	358.000 kg ICPO	307.820 kg	28670.335 kg
Oman	1979.000 kg INCB	No Report	14335.695 kg	No Report	2382.645 kg	49.934 kg
Pakistan	107000.000 kg ICPO	ð5909.234 kg	81458.142 kg	129181.626 kg	75161.024 kg	85126.407 kg
Qatar	361.692 kg ICPO	374.526 kg ICPO	680.869 kg ICPO	134.586 kg ICPO	144.820 kg ICPO	65.969 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
Saudi Arabia	1321.285 kg ICPO	2357.874 kg	2003.000 kg ICPO	2719.091 kg 18 u.	1767.430 kg	No Report
Syrian Arab Republic	No Report	No Report	No Report	No Report	No Report	907.427 kg
United Arab Emirates	3505.585 kg	7087.219 kg	2530.511 kg	943.405 kg	6113.923 kg	3127.065 kg
Yemen	No Report	No Report	No Report	No Report	No Report	26.125 kg
Sub-Total	127273.200 kg	93040.600 kg	122410.300 kg	169304.400 kg 18 u.	135234.000 kg	236215.000 kg
South Asia						
Bangladesh	No Report	No Report	0.700 kg F.O	0.001 kg	133.020 kg ICPO	6.054 kg
India	3281.000 kg	10106.000 kg	3290.000 kg	5041.000 kg	5664.000 kg	4487.000 kg Govt
Maldives	No Report	No Report	0.004 kg	No Report	No Report	0.007 kg ICPO
Nepal	981.892 kg Govt	2585.886 kg Govt	1671.413 kg Govt	2539.936 kg Govt	No Report	850.031 kg ICPO
Sri Lanka	17.756 kg	No Report	(1	0.011 kg	0.015 kg	19979.000 kg ICPO
Sub-Total	4280.648 kg	12691.890 kg	4962.117 kg	7580.948 kg	5797.035 kg	25322.090 kg
Total region	136792.600 kg	129267.500 kg 230 u.	139823.700 kg	177669.600 kg 20 u.	141501.400 kg 2 u.	262528.000 kg
EUROPE						
Eastern Europe						
Belarus	5.380 kg INCB	0.509 kg	1.949 kg	0.639 kg	669.000 kg ICPO	2.174 kg
Bosnia Herzegovina	0.500 kg NAPOL	No Report	0.002 kg NAPOL	No Report	0.060 kg ICPO	No Report
Bulgaria	533.570 kg	0.680 kg	0.010 kg	514.017 kg	422.584 kg	88.476 kg
Croatia	3.257 kg	2.878 kg	6.555 kg	1.041 kg	4.559 kg	2.107 kg
Czech Republic	0.324 kg	No Report	1.200 kg	23.099 kg	6.850 kg	11.391 kg
Estonia	0.316 kg	0.133 kg 52 u.	1.191 kg 191 u.	9.913 kg 58 u.	0.199 kg	1.067 kg
FYR of Macedonia	No Report	1.164 kg NAPOL	0.089 kg NAPOL	427.519 kg NAPOL	309.846 kg Govt	258.406 kg
Hungary	21.739 kg Govt.	6.803 kg	5.242 kg	22.538 kg	0.880 kg	4.181 kg
Latvia	0.646 kg	3.150 kg	0.685 kg	0.495 kg	0.191 kg	No Report
Lithuania	0.078 kg	3.780 kg	1.054 kg	0.169 kg	0.260 kg	0.569 kg
Poland	628.000 kg	8.176 kg	49.203 kg	No Report	9.426 kg	217.346 kg
Republic of Moldova	No Report	228.000 kg	No Report	523.000 kg ICPO	358.130 kg	No Report
Romania	1309.792 kg ICPO	1.673 kg	43.530 kg	340.810 kg (3	I3871.000 kg	38.580 kg
Russian Federation	887.500 kg Govt.	1588.700 kg	710.895 kg	845.000 kg F.O	1335.671 kg	1424.257 kg ICPO
Serbia and Montenegro	No Report	No Report	No Report	No Report	4.534 kg	6.814 kg
Slovakia	0.038 kg	0.015 kg	No Report	2.085 kg	0.635 kg	No Report
Slovenia	0.938 kg	1.958 kg	64.622 kg	1.022 kg	2.360 kg	0.120 kg
Ukraine	9.500 kg	6150.100 kg	14.000 kg ICPO. (4	49.316 kg ICPO	11.130 kg	7.092 kg ICPO

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Sub-Total	3401.578 kg	7997.719 kg 52 u.	900.227 kg 191 u.	2760.663 kg 58 u.	17007.310 kg	2062.580 kg
Western Europe						
Andorra	No Report	1.372 kg ICPO	1.422 kg	3.061 kg ICPO	3.790 kg	3.076 kg
Austria	243.909 kg	124.718 kg	109.996 kg	243.673 kg	137.987 kg	133.209 kg
Belgium	8980.000 kg	817.622 kg	3130.812 kg ICPO	532.163 kg	532.163 kg UNODC (5	5298.000 kg
Cyprus	3.413 kg	1.201 kg	7.291 kg	9.525 kg	1.443 kg	1.456 kg
Denmark	467.100 kg	1572.455 kg	14021.300 kg	2914.419 kg	1762.742 kg	2635.235 kg
Finland	197.659 kg	160.972 kg	492.316 kg	196.540 kg	590.000 kg	482.300 kg
France	51664.367 kg	52176.426 kg	64096.665 kg	48710.697 kg	58195.515 kg	50836.113 kg
Germany	7327.560 kg	6109.549 kg	4885.200 kg	8525.200 kg	6863.057 kg	5003.001 kg
Greece	6825.727 kg	30.817 kg	55.819 kg	56.120 kg	270.780 kg	67.711 kg
Iceland	No Report	No Report	41.622 kg	26.626 kg	44.140 kg	57.564 kg
Ireland	1247.244 kg	3179.178 kg	2514.975 kg	379.800 kg	567.026 kg	3314.938 kg
Italy	14740.517 kg 1954 u.	15412.128 kg 711 u.	46780.319 kg ICPO	20725.364 kg 818 u.	16455.477 kg 811 u.	28600.257 kg 947 u.
Liechtenstein	0.008 kg	2.770 kg	No Report	No Report	0.012 kg	0.013 kg
Luxembourg	0.868 kg	1.974 kg	1.270 kg	1.174 kg ICPO	No Report	0.697 kg ICPO
Malta	1.788 kg	25.116 kg	1.606 kg	3.913 kg	3.562 kg	8.801 kg ICPO
Monaco	0.170 kg	0.396 kg	0.111 kg ICPO	0.512 kg ICPO	No Report	0.095 kg
Netherlands	30272.000 kg Govt	70696.000 kg Govt	61226.000 kg Govt	29590.000 kg Govt	10972.000 kg	*
Norway	904.059 kg	1874.136 kg	1254.762 kg	632.647 kg	808.541 kg	1097.980 kg
Portugal	9621.183 kg	5747.793 kg	10636.075 kg	30467.121 kg	6472.688 kg	7022.029 kg
Spain	315328.000 kg ICPO	428236.375 kg	431165.280 kg	474504.785 kg	514181.600 kg	564808.966 kg
Sweden	627.994 kg	390.930 kg	1065.387 kg 26 u.	1206.709 kg	772.462 kg	729.000 kg
Switzerland	653.467 kg	1837.480 kg	651.548 kg	1258.307 kg ICPO	317.550 kg	1317.640 kg
Turkey	10439.201 kg	9434.290 kg	11085.546 kg	28637.130 kg	268.477 kg	1220.725 kg
United Kingdom	118849.203 kg	82837.533 kg	33727.243 kg ICPO 194 u.	48346.903 kg	58996.761 kg	58996.761 kg (6
Sub-Total	578395.400 kg 1954 u.	680671.300 kg 711 u.	686952.600 kg 220 u.	696972.400 kg 818 u.	678217.800 kg 811 u.	731635.600 kg 947 u.
Total region	581797.000 kg 1954 u.	688669.100 kg 763 u.	687852.900 kg 411 u.	699733.100 kg 876 u.	695225.100 kg 811 u.	733698.100 kg 947 u.
OCEANIA						
Oceania						
Australia	537.289 kg	No Report	4.129 kg	17.972 kg	3266.944 kg	55.795 kg
New Caledonia	0.003 kg INCB	No Report	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

* Data was not available at the time of the preparation of the report; latest information received indicates amount of 32,717 kg (previously included in overall cannabis seizures of the Netherlands for 2002).

SEIZURES, 1997 - 2002

Cannabis resin

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Oceania						
New Zealand	2.198 kg [INCB]	3.632 kg	0.676 kg	No Report	0.435 kg	0.482 kg
Sub-Total	539.490 kg	3.632 kg	4.805 kg	17.972 kg	3267.379 kg	56.277 kg
Total region	539.490 kg	3.632 kg	4.805 kg	17.972 kg	3267.379 kg	56.277 kg
TOTAL	818079.000 kg 1954 u.	895371.900 kg 0.002 lt. 1090 u.	898267.300 kg 1.000 lt. 6449 u.	1080689.000 kg 38.000 lt. 927 u.	907424.700 kg 844 u.	1073196.000 kg 948 u.

1) Small quantity. 2) Including depressants. 3) Including cannabis herb. 4) Provisional figures. 5) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 6) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis oil

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	No Report	No Report	4.057 kg	No Report	No Report	No Report
Sub-Total			4.057 kg			
North Africa						
Morocco	1.060 kg Govt.	14.473 kg	19.000 lt.	0.693 kg	0.008 kg	No Report
Sub-Total	1.060 kg	14.473 kg	19.000 lt.	0.693 kg	0.008 kg	
Southern Africa						
Zambia	0.000 kg Govt	0.000 kg Govt	0.000 kg Govt	0.000 kg Govt	8.500 kg Govt	No Report
Sub-Total					8.500 kg	
West and Central Africa						
Benin	No Report	26.863 kg	No Report	No Report	No Report	No Report
Sub-Total		26.863 kg				
Total region	1.060 kg	41.336 kg	4.057 kg 19.000 lt.	0.693 kg	8.508 kg	
AMERICAS						
Caribbean						
Aruba	No Report	No Report	0.002 kg ICPO	No Report	No Report	No Report
Bahamas	0.020 kg ICPO	No Report	104.089 kg ICPO	0.450 kg	No Report	No Report
Cayman Islands	46.036 kg 2 u.	No Report	No Report	No Report	No Report	No Report
Haiti		11.000 kg CICAD	No Report	No Report	No Report	No Report
Jamaica	383.820 kg ICPO	No Report	371.490 kg ICPO	579.091 kg ICPO	210.980 kg	No Report
Saint Vincent and the Grenadines	No Report	No Report	No Report	28375 u. INCSR	No Report	No Report
Trinidad Tobago	1430.000 kg CICAD	No Report	No Report	No Report	No Report	No Report
Sub-Total	1859.876 kg 2 u.	11.000 kg	475.581 kg	579.541 kg 28375 u.	210.980 kg	
Central America						
Panama	No Report	No Report	11.360 lt.	No Report	No Report	No Report
Sub-Total			11.360 lt.			
North America						
Canada	824.000 kg	524.937 kg 20.166 lt. 2 u.	434.000 kg 55.302 lt. 6 u.	28.000 kg 187.392 lt. 13 u.	120.191 kg 16 u.	168.830 kg 66.000 lt.
United States	No Report	No Report	490.685 kg	66.152 kg	59.700 kg	
Sub-Total	824.000 kg	524.937 kg 20.166 lt. 2 u.	924.685 kg 55.302 lt. 6 u.	94.152 kg 187.392 lt. 13 u.	179.891 kg 16 u.	168.830 kg 66.000 lt.
South America						
Chile	No Report	No Report	0.025 kg ICPO	No Report	No Report	0.320 kg ICPO

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis oil

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
South America						
Colombia	8.000 lt.	No Report	No Report	No Report	No Report	No Report
Suriname	No Report	No Report	No Report	No Report	0.217 kg	No Report
Uruguay	No Report	No Report	No Report	No Report	No Report	2.386 kg [ICPO]
Venezuela	8003.000 kg [CICAD]	No Report	No Report	No Report	No Report	No Report
Sub-Total	8003.000 kg 8.000 lt.		0.025 kg		0.217 kg	2.706 kg
Total region	10686.880 kg 8.000 lt. 2 u.	535.937 kg 20.166 lt. 2 u.	1400.291 kg 66.662 lt. 6 u.	673.693 kg 187.392 lt. 28388 u.	391.088 kg 16 u.	171.536 kg 66.000 lt.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	22.353 kg	0.002 kg [ICPO]	0.000 kg [1	0.007 kg	No Report
Azerbaijan	1.793 kg [ICPO]	No Report	No Report	No Report	No Report	No Report
Kyrgyzstan	603.554 kg	1569.238 kg	No Report	No Report	No Report	No Report
Sub-Total	605.347 kg	1591.591 kg	0.002 kg	0.000 kg	0.007 kg	
East and South-East Asia						
Brunei Darussalam	No Report	No Report	No Report	No Report	0.260 lt.	No Report
Indonesia	4.017 kg	No Report	300.005 kg	3.886 kg [ICPO]	No Report	No Report
Japan	0.143 lt.	3.750 kg	0.002 kg 0.002 lt.		0.000 lt.	0.003 lt.
Korea (Republic of)	0.027 kg	No Report	No Report	No Report	No Report	0.765 kg [ICPO]
Thailand	No Report	No Report	No Report	0.516 kg [ICPO]	No Report	No Report
Sub-Total	4.044 kg 0.143 lt.	3.750 kg	300.007 kg 0.002 lt.	4.402 kg	0.260 lt.	0.765 kg 0.003 lt.
Near and Middle East /South-West Asia						
Iran (Islamic Republic of)	No Report	No Report	68.000 kg [ICPO]	No Report	No Report	No Report
Jordan	0.145 kg	No Report	No Report	No Report	No Report	No Report
Lebanon	58.000 kg	No Report	No Report	10.000 kg	No Report	119.600 kg
Sub-Total	58.145 kg		68.000 kg	10.000 kg		119.600 kg
South Asia						
Maldives	No Report	No Report	0.001 kg	No Report	0.003 kg	No Report
Nepal	1342.492 kg [ICPO]	No Report	2.100 kg	No Report	No Report	No Report
Sub-Total	1342.492 kg		2.101 kg		0.003 kg	
Total region	2010.028 kg 0.143 lt.	1595.341 kg	370.110 kg 0.002 lt.	14.402 kg	0.010 kg 0.260 lt.	120.365 kg 0.003 lt.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	13.000 lt. [ICPO]	2.100 lt. [ICPO]	No Report	0.600 lt.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis oil

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Belarus	No Report	No Report	0.002 kg	No Report	No Report	2.401 kg
Bulgaria	No Report	No Report	0.100 kg	0.080 kg	6 u.	No Report
Croatia	No Report	0.008 kg	No Report	No Report	No Report	No Report
Estonia	No Report	No Report	No Report	0.300 kg 2 u.	No Report	No Report
Romania	No Report	No Report	No Report	No Report	No Report	1.000 lt.
Russian Federation	No Report	102.900 kg F.O	141.344 kg	291.000 kg F.O	366.590 kg	No Report
Slovakia	No Report	No Report	No Report	64.000 kg	No Report	No Report
Sub-Total		102.908 kg	141.446 kg 13.000 lt.	355.380 kg 2.100 lt. 2 u.	366.590 kg 6 u.	2.401 kg 1.600 lt.
Western Europe						
Austria	3.164 kg	No Report	No Report	0.750 kg ICPO	0.188 kg	1.919 kg
Belgium	No Report	No Report	5.000 kg	No Report	No Report	No Report
Cyprus	No Report	No Report	30.294 kg	No Report	No Report	No Report
Denmark	0.123 kg	0.008 kg	3.910 kg	0.962 kg	0.019 kg	(1
France	5.442 kg	0.592 kg	1.690 kg	2.830 kg	3.513 kg	5.086 kg
Germany	3.510 kg	0.538 kg	2.300 kg	4.500 kg	0.044 kg	2.062 kg
Greece	No Report	No Report	0.200 kg ICPO	1.205 kg	1.910 kg	757.000 kg
Italy	6.259 kg 6 u.	0.635 kg 3 u.	6.772 kg ICPO	13.349 kg 5 u.	25.263 kg 171 u.	52.646 kg 753 u.
Monaco	0.029 lt.	No Report	No Report	No Report	No Report	No Report
Netherlands	No Report	150.000 lt. Govt	1.000 lt. Govt	No Report	No Report	No Report
Norway	0.308 kg	0.034 kg	0.026 kg	0.028 kg	0.009 kg	1.683 kg
Portugal	No Report	No Report	0.001 kg	0.004 kg	0.134 kg	0.011 kg 11 u.
Spain	0.705 lt.	74.970 lt.	2346 u.	0.310 lt.	1915.500 kg	0.001 lt.
Sweden	0.019 kg	No Report	0.006 kg	No Report	0.203 kg	No Report
Switzerland	8.607 kg	1.541 kg	0.609 kg	95.082 kg	17.577 kg	191.654 kg
Turkey	No Report	63.411 kg	No Report	2.480 kg	0.001 kg	No Report
United Kingdom	26.600 kg	7.366 kg	No Report	4.491 kg	6.862 kg	6.862 kg (2
Sub-Total	54.032 kg 0.734 lt. 6 u.	74.125 kg 224.970 lt. 3 u.	50.808 kg 1.000 lt. 2346 u.	125.681 kg 0.310 lt. 5 u.	1971.223 kg 171 u.	1018.923 kg 0.001 lt. 764 u.
Total region	54.032 kg 0.734 lt. 6 u.	177.033 kg 224.970 lt. 3 u.	192.254 kg 14.000 lt. 2346 u.	481.061 kg 2.410 lt. 7 u.	2337.813 kg 177 u.	1021.324 kg 1.601 lt. 764 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis oil

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Oceania						
Australia	4.945 kg	No Report	2.650 kg	0.755 lt.	No Report	0.251 kg 4 u.
New Zealand	No Report	4.159 kg	0.026 kg	8.305 kg	3.147 kg	1.342 kg
Sub-Total	4.945 kg	4.159 kg	2.676 kg	8.305 kg 0.755 lt.	3.147 kg	1.593 kg 4 u.
Total region	4.945 kg	4.159 kg	2.676 kg	8.305 kg 0.755 lt.	3.147 kg	1.593 kg 4 u.
TOTAL	12756.940 kg 8.877 lt. 8 u.	2353.806 kg 245.136 lt. 5 u.	1969.388 kg 99.664 lt. 2352 u.	1178.154 kg 190.557 lt. 28395 u.	2740.566 kg 0.260 lt. 193 u.	1314.818 kg 67.604 lt. 768 u.

1) Small quantity. 2) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Eritrea	No Report	No Report	No Report	No Report	20.000 kg	No Report
Kenya	5.565 kg 2226 u.	No Report	No Report	No Report	No Report	23625 u.
Madagascar	No Report	No Report	No Report	No Report	No Report	1050980.000 kg
Mauritius	41316 u.	43294 u.	45444 u.	55038 u.	30788 u.	22464 u.
Seychelles	No Report	No Report	30.700 kg	7.233 kg	No Report	1.073 kg
Uganda	No Report	9411 u.	35000 u.	54700 u.	780000 u.	1431.100 kg
Sub-Total	5.565 kg 43542 u.	52705 u.	30.700 kg 80444 u.	7.233 kg 109738 u.	20.000 kg 810788 u.	1052412.000 kg 46089 u.
North Africa						
Egypt	63542820 u.	35150384 u.	No Report	No Report	470 u.	No Report
Morocco	No Report	No Report	No Report	No Report	73810.724 kg	93206.000 kg
Sub-Total	63542820 u.	35150380 u.			73810.730 kg 470 u.	93206.000 kg
Southern Africa						
Angola	No Report	No Report	5733 u.	No Report	No Report	No Report
Malawi	1116.725 kg 8313 u.	6371.045 kg	9428.350 kg	61182.146 kg	51611.136 kg	4127.826 kg
Namibia	No Report	No Report	25 u.	No Report	67 u.	949.448 kg
South Africa	243565.688 kg	784201.063 kg	No Report	864234.300 kg	608330.095 kg	754913.307 kg
Swaziland	No Report	7517.000 kg	2528136 u.	36665 u.	No Report	No Report
Zimbabwe	No Report	300.000 kg 2936 u.	165 u.	3555 u.	878 u.	6136 u.
Sub-Total	244682.400 kg 8313 u.	798389.100 kg 2936 u.	9428.350 kg 2534059 u.	925416.400 kg 40220 u.	659941.300 kg 945 u.	759990.600 kg 6136 u.
West and Central Africa						
Cameroon	No Report	No Report	No Report	No Report	2649.008 kg	No Report
Congo	3435.000 kg	No Report	10.000 kg (1	No Report	No Report	No Report
Côte d'Ivoire	No Report	200 u.	No Report	No Report	No Report	No Report
Gambia	No Report	No Report	834.982 kg	No Report	700.000 kg	No Report
Ghana	No Report	No Report	No Report	No Report	No Report	5000.000 kg
Guinea-Bissau	No Report	No Report	No Report	No Report	8.000 kg	No Report
Nigeria	No Report	1712580.000 Govt. kg	No Report	No Report	270250.000 kg	No Report
Saint Helena	18 u.	17 u.	17 u.	6 u.	5 u.	1150 u.
Togo	No Report	No Report	No Report	50.000 kg	No Report	5.500 kg
Sub-Total	3435.000 kg 18 u.	1712580.000 kg 217 u.	844.982 kg 17 u.	50.000 kg 6 u.	273607.000 kg 5 u.	5005.500 kg 1150 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
Total region	248123.000 kg 63594690 u.	2510969.000 kg 35206240 u.	10304.030 kg 2614520 u.	925473.700 kg 149964 u.	1007379.000 kg 812208 u.	1910614.000 kg 53375 u.
AMERICAS						
Caribbean						
Anguilla	48 u.	40 u.	No Report	No Report	No Report	No Report
Antigua and Barbuda	No Report	No Report	23384 u. CICAD	9317 u. CICAD	No Report	No Report
Bahamas	No Report	99 u.	No Report	1466 u.	10207 u.	110 u.
Barbados	No Report	400 u. CICAD	81 u. HONLC	1078 u. CICAD	No Report	No Report
Bermuda	871 u.	No Report	268 u.	230 u.	No Report	34 u.
British Virgin Islands	No Report	No Report	No Report	No Report	4556 u.	No Report
Dominica	No Report	No Report	55120 u. CICAD	123032 u. CICAD	No Report	No Report
Dominican Republic	116 u.	346 u.	1991 u.	1114 u. CICAD	6578 u.	4061 u. HONLC
Grenada	No Report	6212.000 kg	12086 u. CICAD	2091 u. INCSR	6611 u.	No Report
Haiti	No Report	No Report	No Report	No Report	1705.000 kg	No Report
Jamaica	6858.300 kg ICPO	No Report	No Report	No Report	34 u.	No Report
Montserrat	No Report	No Report	No Report	1008 u.	No Report	No Report
Saint Kitts and Nevis	126293 u. CICAD	36000 u. CICAD	63911 u. CICAD	34057 u. INCSR	No Report	No Report
Saint Lucia	26037 u.	69200 u.	18047 u. CICAD	83090 u.	No Report	No Report
Saint Vincent and the Grenadines	No Report	1500 u. CICAD	4760 u. CICAD	28375 u. CICAD	No Report	No Report
Trinidad Tobago	No Report	2869850 u.	4415958 u. CICAD	7200000 u. INCSR	3122894 u.	2671600 u.
Sub-Total	6858.300 kg 153365 u.	6212.000 kg 2977435 u.	4595606 u.	7484858 u.	1705.000 kg 3150880 u.	2675805 u.
Central America						
Belize	294712.000 kg CICAD	202803 u. CICAD	270136 u. CICAD	143000 u. CICAD	70607 u.	No Report
Costa Rica	*	733089 u.	2153645 u.	2048421 u.	1906454 u.	1235119 u.
El Salvador	No Report	No Report	4688 u.	No Report	1126 u.	1158 u.
Guatemala	587096 u. Govt.	576060 u.	594378 u.	293897 u.	418097 u.	No Report
Honduras	337322 u.	286414 u. CICAD	133680 u. CICAD	83859 u. CICAD	No Report	41402 u.
Nicaragua	24239.000 kg	833943 u.	13569 u. CICAD	83070 u. CICAD	No Report	144967 u.
Panama	No Report	No Report	25102 u.	No Report	36950 u.	No Report
Sub-Total	318951.000 kg 924418 u.	2632309 u.	3195198 u.	2652247 u.	2433234 u.	1422646 u.
North America						
Canada	776288 u.	1025808 u.	1304477 u.	1199423 u.	86456.827 kg 508039 u.	83444.072 kg 1405304 u.
Mexico	No Report	No Report	No Report	No Report	No Report	355578 u.
United States	No Report	No Report	497.366 kg	163.344 kg	4561.900 kg	

Source: Annual Report Questionnaire if not otherwise indicated

* No reported figures at the time of the preparation of the report for 1997; information recently received from Gov. of Costa Rica shows cannabis plant seizures of 176,117 (units) for 1997; 979,665 (units) for 2003.

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
Sub-Total	776288 u.	1025808 u.	497.366 kg 1304477 u.	163.344 kg 1199423 u.	91018.730 kg 508039 u.	83444.070 kg 1760882 u.
South America						
Argentina	458 u.	1296 u.	1222 u.	676 u.	1687 u.	939 u.
Bolivia	3450.000 kg	No Report	No Report	No Report	705.536 kg	No Report
Brazil	2884811 u.	3371112 u.	3462158 u.	3699601 u.	3823846 u. Govt	2594101 u. F,O
Chile	34263 u.	956.942 kg 759 u.	No Report	63621 u.	98892 u.	69891 u.
Ecuador	1 u.	126 u.	0.339 kg	No Report	No Report	No Report
Falkland Islands	No Report	1 u.	No Report	No Report	No Report	No Report
Guyana	18993.000 kg ICPO	No Report	No Report	31698 u. CICAD	No Report	No Report
Paraguay	2009500 u.	1415875.000 kg	3769000 u.	1366500 u. CICAD	No Report	4986000.000 kg
Peru	140700.000 kg	No Report	5418.300 kg	29566.400 kg	38106.465 kg 2 u.	103687.000 kg
Suriname	65.838 kg	500 u.	No Report	No Report	No Report	No Report
Uruguay	No Report	No Report	No Report	5 u.	No Report	0.410 kg 246 u.
Venezuela	No Report	No Report	No Report	26 u.	No Report	No Report
Sub-Total	163208.800 kg 4929033 u.	1416832.000 kg 3373794 u.	5418.639 kg 7232380 u.	29566.400 kg 5162127 u.	38812.000 kg 3924427 u.	5089688.000 kg 2665177 u.
Total region	489018.200 kg 6783104 u.	1423044.000 kg 10009350 u.	5916.005 kg 16327660 u.	29729.740 kg 16498660 u.	131535.700 kg 10016580 u.	5173132.000 kg 8524510 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	24.218 kg	No Report	No Report	No Report	No Report
Azerbaijan	507380.000 kg ICPO	489000.000 kg	405669.000 kg	No Report	317000.000 kg	No Report
Kazakhstan	No Report	200.077 kg	1869.000 kg	No Report	No Report	No Report
Uzbekistan	18.930 kg	663.316 kg	238.772 kg	No Report	No Report	76.000 kg
Sub-Total	507398.900 kg	489887.600 kg	407776.800 kg		317000.000 kg	76.000 kg
East and South-East Asia						
Brunei Darussalam	1 u.	No Report	No Report	6 u.	No Report	No Report
Hong Kong SAR, China	No Report	No Report	No Report	No Report	2103.900 kg	No Report
Indonesia	200000.000 kg 132748 u.	47515 u.	78072 u.	No Report	2061 u.	378982 u.
Japan	36.922 kg 2232 u.	23.954 kg 1668 u.	26.422 kg	95.617 kg 50 u.	77.020 kg 2022 u.	88.900 kg 4917 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Korea (Republic of)	31501 u.	3815 u.	10705 u.	No Report	4255 u.	No Report
Lao People's Dem. Rep.	No Report	No Report	No Report	No Report	No Report	2500.000 kg
Mongolia	No Report	No Report	No Report	No Report	5 u.	No Report
Philippines	No Report	518939.000 kg ICPO	5005860 u. (2	2599724 u.	754223.844 kg	4399980 u.
Singapore	No Report	No Report	No Report	No Report	No Report	2.637 kg
Thailand	19951.301 kg	13401.892 kg	42996.497 kg	No Report	No Report	No Report
Sub-Total	219988.200 kg 166482 u.	532364.900 kg 52998 u.	43022.920 kg 5094637 u.	95.617 kg 2599780 u.	756404.800 kg 8343 u.	2591.537 kg 4783879 u.
Near and Middle East /South-West Asia						
Iraq	34.812 kg	55.905 kg	No Report	No Report	No Report	No Report
Jordan	No Report	1.120 kg	62.525 kg	18.032 kg	No Report	No Report
Lebanon	No Report	No Report	4445.880 kg	No Report	80.000 kg	No Report
Qatar	No Report	No Report	No Report	No Report	No Report	0.045 kg
United Arab Emirates	No Report	No Report	No Report	No Report	0.214 kg	No Report
Sub-Total	34.812 kg	57.025 kg	4508.405 kg	18.032 kg	80.214 kg	0.045 kg
South Asia						
Bangladesh	No Report	No Report	11826 u. F.O	1840 u.	No Report	6131 u.
India	No Report	No Report	No Report	No Report	174818.000 kg	No Report
Nepal	No Report	No Report	No Report	No Report	No Report	3320.000 kg
Sri Lanka	49900.000 kg	21375.000 kg	372000.000 kg	32524.344 kg	No Report	25834.000 kg
Sub-Total	49900.000 kg	21375.000 kg	372000.000 kg 11826 u.	32524.340 kg 1840 u.	174818.000 kg	29154.000 kg 6131 u.
Total region	777321.900 kg 166482 u.	1043685.000 kg 52998 u.	827308.100 kg 5106463 u.	32637.990 kg 2601620 u.	1248303.000 kg 8343 u.	31821.580 kg 4790010 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	No Report	No Report	No Report	115678 u.
Belarus	No Report	117.000 kg	No Report	No Report	No Report	7406 u.
Bosnia Herzegovina	443 u. NAPOL	1445 u. NAPOL	16222 u. NAPOL	451 u. NAPOL	No Report	No Report
Bulgaria	127000.000 kg	16000.000 kg 10943 u.	2742 u.	12713.026 kg 3448 u.	21390.000 kg	7457.240 kg
Croatia	31710 u.	5131 u.	3050 u.	1739 u.	2843 u.	1828 u.
Czech Republic	No Report	No Report	No Report	No Report	343 u.	3173 u.
Estonia	72 u.	23.184 kg 92 u.	41.973 kg 175 u.	67.647 kg 585 u.	192.062 kg	79.271 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
FYR of Macedonia	No Report	1457 u.	151262 u. [NAPOL]	No Report	606 u. [Govt]	815 u.
Hungary	No Report	1033 u.	620.000 kg	2217 u.	No Report	17.069 kg 2053 u.
Lithuania	No Report	No Report	No Report	No Report	No Report	68.140 kg
Poland	12105.075 kg	1904.362 kg	900.000 kg	1.008 kg	15.000 kg	1600.000 kg
Romania	No Report	215.923 kg	No Report	No Report	No Report	14904.700 kg
Serbia and Montenegro	No Report	No Report	No Report	No Report	No Report	1391.066 kg
Slovakia	No Report	2830.680 kg	848.797 kg	No Report	817.226 kg	573.900 kg
Slovenia	44944 u.	14453 u.	8196 u.	6.011 kg 3354 u.	1925 u.	27.750 kg 9425 u.
Ukraine	6091.000 kg	5103.364 kg	No Report	No Report	No Report	4.155 kg
Sub-Total	145196.100 kg 77169 u.	26194.510 kg 34554 u.	2410.770 kg 181647 u.	12787.690 kg 11794 u.	22414.290 kg 5717 u.	26123.290 kg 140378 u.
Western Europe						
Austria	No Report	No Report	No Report	7991 u.	35.721 kg	157.643 kg
Belgium	653.000 kg	6280.000 kg	2911.166 kg		[UNODC (3	26476 u.
Cyprus	787 u.	276 u.	190 u.	493 u.	274 u.	248 u.
Denmark	2692.300 kg	949.969 kg	337.290 kg	No Report	No Report	683.201 kg
Finland	82.519 kg 2328 u.	2.334 kg 2900 u.	5.251 kg 2789 u.	14.041 kg 5325 u.	16.000 kg 4900 u.	15.500 kg 6385 u.
France	38115 u.	34266 u.	23287 u.	24295 u.	No Report	96.671 kg
Germany	5000.000 kg 67065 u.	81097 u.	168833 u.	25277 u.	68696 u.	29352 u.
Greece	11010 u.	9967 u.	46198 u.	49985 u.	18821 u.	16232 u.
Iceland	No Report	No Report	No Report	No Report	No Report	3.692 kg 1207 u.
Ireland	753 u.	400 u.	No Report	98 u.	365 u.	467 u.
Italy	379851 u.	190240 u.	[ICPO]	1306469 u.	3219414 u.	297627 u.
Liechtenstein	No Report	1300.000 kg	3.686 kg	42.600 kg	No Report	No Report
Luxembourg	No Report	222 u.	No Report	No Report	No Report	No Report
Malta	153 u.	5 u.	35 u.	22 u.	11 u.	No Report
Netherlands	553135 u. [Govt]	353178 u. [Govt]	582588 u. [Govt]	661851 u. [Govt]	844.000 kg 884609 u.	900381 u.
Norway	23.329 kg	23.041 kg	28.546 kg	18.854 kg	17.628 kg 123 u.	15.922 kg
Portugal	7982 u.	17316 u.	1184 u.	1.936 kg 2279 u.	3807 u.	1.751 kg 3135 u.
Spain	1734.002 kg	3072.938 kg	2319.031 kg	18156.043 kg	3907.120 kg	5882.218 kg
Sweden	2.426 kg 269 u.	6.890 kg	39.820 kg 249 u.	3.213 kg 251 u.	2.789 kg	

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis plant

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Switzerland	313258 u.	26813 u.	79746 u.	227476 u.	189008 u.	557262 u.
Turkey	52100620 u.	55655864 u.	19736000 u.	327.750 kg 29168530 u.	20243988 u.	25789062 u.
United Kingdom	114988 u.	72040 u.	382 u.[ICPO]	47816 u.	71507 u.	71507 u.[4]
Sub-Total	10187.580 kg 53590320 u.	11635.170 kg 56444580 u.	5644.790 kg 20641480 u.	18564.440 kg 31528160 u.	4823.258 kg 24705520 u.	6856.598 kg 27699340 u.
Total region	155383.700 kg 53667480 u.	37829.680 kg 56479140 u.	8055.560 kg 20823130 u.	31352.130 kg 31539950 u.	27237.550 kg 24711240 u.	32979.890 kg 27839720 u.
OCEANIA						
Oceania						
Australia	4445.335 kg	No Report	176.150 kg	90060 u.	22973 u.	449.703 kg 295781 u.
New Zealand	266867 u.	164531 u.	173277 u.	10157 u.	90857 u.	74324 u.
Sub-Total	4445.335 kg 266867 u.	164531 u.	176.150 kg 173277 u.	100217 u.	113830 u.	449.703 kg 370105 u.
Total region	4445.335 kg 266867 u.	164531 u.	176.150 kg 173277 u.	100217 u.	113830 u.	449.703 kg 370105 u.
TOTAL	1674292.000 kg 124478600 u.	5015527.000 kg 101912200 u.	851759.900 kg 45045050 u.	1019194.000 kg 50890410 u.	2414455.000 kg 35662200 u.	7148997.000 kg 41577720 u.

1) Including cannabis seeds. 2) Includes seedlings 3) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 4) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis seed

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Mauritius	No Report	No Report	No Report	0.076 kg	No Report	No Report
Somalia	No Report	No Report	No Report	No Report	No Report	15.000 kg
Uganda	No Report	5.000 kg	No Report	102.800 kg	No Report	No Report
Sub-Total		5.000 kg		102.876 kg		15.000 kg
North Africa						
Algeria	No Report	0.930 kg ICPO	No Report	No Report	No Report	No Report
Egypt	33.421 kg	11.504 kg	115.819 kg	24.323 kg	No Report	No Report
Sub-Total	33.421 kg	12.434 kg	115.819 kg	24.323 kg		
Southern Africa						
Lesotho	No Report	No Report	35.280 kg ICPO	No Report	No Report	No Report
Swaziland	No Report	8.096 kg	No Report	263.840 kg	No Report	No Report
Zambia	7.130 kg Govt	38.597 kg Govt	126.280 kg	52.261 kg	13.500 kg Govt	No Report
Zimbabwe	No Report	0.200 kg	No Report	No Report	No Report	No Report
Sub-Total	7.130 kg	46.893 kg	161.560 kg	316.101 kg	13.500 kg	
West and Central Africa						
Saint Helena	No Report	100 u.	80 u.	No Report	No Report	No Report
Sub-Total		100 u.	80 u.			
Total region	40.551 kg	64.327 kg 100 u.	277.379 kg 80 u.	443.300 kg	13.500 kg	15.000 kg
AMERICAS						
Caribbean						
Anguilla	No Report	8 u.	No Report	No Report	No Report	No Report
Dominican Republic	72 u.	1327 u.	3642 u.	679.000 kg CICAD	No Report	No Report
Grenada	No Report	0.004 kg	No Report	No Report	No Report	No Report
Jamaica	No Report	No Report	452.630 kg ICPO	No Report	No Report	No Report
Montserrat	No Report	No Report	No Report	2500 u.	No Report	No Report
Saint Lucia	No Report	No Report	No Report	0.311 kg	No Report	No Report
Sub-Total	72 u.	0.004 kg 1335 u.	452.630 kg 3642 u.	679.311 kg 2500 u.		
Central America						
Guatemala	1.840 kg Govt.	5.100 kg	78.473 kg	24.200 kg	No Report	No Report
Honduras	3.400 kg	No Report	No Report	2.000 kg CICAD	No Report	No Report
Nicaragua	2.063 kg	No Report	No Report	1.000 kg CICAD	No Report	No Report
Sub-Total	7.303 kg	5.100 kg	78.473 kg	27.200 kg		
North America						
Mexico	3968.381 kg	4948.744 kg	5847.545 kg	10353.807 kg	*	*
United States	No Report	No Report	412271.587 kg 451 u.	417120.258 kg 102 u.	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

* No data had been reported at the time of the preparation of the Report; data submitted subsequently showed seizures of cannabis seed of 7660.910 Kg in 2001, and 10 214.446 Kg in 2002.

SEIZURES, 1997 - 2002

Cannabis seed

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
Sub-Total	3968.381 kg	4948.744 kg	418119.100 kg 451 u.	427474.100 kg 102 u.		
South America						
Argentina	39.440 kg	42.790 kg 1950 u.	0.091 kg	0.276 kg	1.255 kg	No Report
Brazil	68.314 kg	5.179 kg	55.804 kg	99.047 kg	No Report	23.000 kg F.O
Chile	No Report	0.377 kg	No Report	No Report	No Report	No Report
Colombia	120.000 kg Govt.	127.789 kg	25.214 kg	121.000 kg	No Report	No Report
Paraguay	167.550 kg	503.110 kg	2130.025 kg	668.000 kg CICAD	No Report	No Report
Peru	9.377 kg	0.241 kg	19.041 kg	2.841 kg	No Report	No Report
Sub-Total	404.681 kg	679.486 kg 1950 u.	2230.175 kg	891.164 kg	1.255 kg	23.000 kg
Total region	4380.365 kg 72 u.	5633.333 kg 3285 u.	420880.400 kg 4093 u.	429071.700 kg 2602 u.	1.255 kg	23.000 kg
ASIA						
Central Asia and Transcaucasian countries						
Uzbekistan	No Report	No Report	No Report	222.900 kg	No Report	No Report
Sub-Total				222.900 kg		
East and South-East Asia						
Hong Kong SAR, China	8.200 kg	No Report	No Report	No Report	No Report	No Report
Indonesia	1.218 kg	0.329 kg	1.875 kg	No Report	No Report	No Report
Korea (Republic of)	58.789 kg	No Report	46.067 kg	No Report	No Report	No Report
Philippines	No Report	85007.000 kg ICPO 223459 u.	163.000 kg	28.550 kg	No Report	No Report
Thailand	12.127 kg	1.225 kg	No Report	No Report	No Report	No Report
Sub-Total	80.334 kg	85008.560 kg 223459 u.	210.942 kg	28.550 kg		
Near and Middle East /South-West Asia						
Bahrain	No Report	No Report	0.361 kg ICPO	No Report	No Report	No Report
Jordan	0.770 kg	1.412 kg	61.461 kg	3.589 kg	No Report	No Report
Lebanon	20.000 kg	No Report	270.000 kg	424.000 kg	No Report	No Report
United Arab Emirates	No Report	No Report	No Report	0.135 kg	No Report	No Report
Sub-Total	20.770 kg	1.412 kg	331.822 kg	427.724 kg		
South Asia						
Maldives	No Report	(1	No Report	No Report	No Report	No Report
Sub-Total						

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis seed

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Total region	101.104 kg	85009.970 kg 223459 u.	542.764 kg	679.174 kg		
EUROPE						
Eastern Europe						
Bulgaria	1.250 kg	6.556 kg	6.768 kg ICPO	1.872 kg	No Report	No Report
Croatia	38037 u.	0.053 kg 24133 u.	0.868 kg 17054 u.	10437 u.	No Report	No Report
FYR of Macedonia	No Report	0.135 kg 508 u.	0.103 kg NAPOL 696 u.	No Report	0.120 kg Govt 186 u.	298 u.
Hungary	No Report	No Report	No Report	10.000 kg	No Report	No Report
Poland	300.000 kg	No Report	4.016 kg	1200 u.	No Report	No Report
Russian Federation	0.021 kg	No Report	No Report	No Report	No Report	No Report
Slovakia	No Report	No Report	No Report	No Report	No Report	1.810 kg
Sub-Total	301.271 kg 38037 u.	6.744 kg 24641 u.	11.755 kg 17750 u.	11.872 kg 11637 u.	0.120 kg 186 u.	1.810 kg 298 u.
Western Europe						
Andorra	No Report	0.576 kg ICPO	4.900 kg	No Report	No Report	No Report
Belgium	75 u.	48.190 kg	16.250 kg	No Report	No Report	No Report
Finland	0.364 kg 369 u.	0.345 kg 1304 u.	0.100 kg 1150 u.	0.054 kg 1242 u.	No Report	No Report
Italy	220.116 kg 47646 u.	No Report	No Report	No Report	No Report	No Report
Malta	0.049 kg	72 u.	5 u.	4 u.	No Report	No Report
Portugal	53 u.	1.563 kg	38.377 kg 45 u.	1.739 kg 201 u.	No Report	4036 u.
Spain	1.376 kg	No Report	No Report	No Report	No Report	No Report
Sub-Total	221.905 kg 48143 u.	50.674 kg 1376 u.	59.627 kg 1200 u.	1.793 kg 1447 u.		4036 u.
Total region	523.176 kg 86180 u.	57.418 kg 26017 u.	71.382 kg 18950 u.	13.665 kg 13084 u.	0.120 kg 186 u.	1.810 kg 4334 u.
OCEANIA						
Oceania						
Australia	No Report	No Report	4.129 kg	5.559 kg	No Report	No Report
New Zealand	No Report	244031 u.	253609 u.	No Report	No Report	No Report
Sub-Total		244031 u.	4.129 kg 253609 u.	5.559 kg		
Total region		244031 u.	4.129 kg 253609 u.	5.559 kg		

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Cannabis seed

Region/country or territory	1997	1998	1999	2000	2001	2002
TOTAL	5045.195 kg 86252 u.	90765.060 kg 496892 u.	421776.000 kg 276732 u.	430213.400 kg 15686 u.	14.875 kg 186 u.	39.810 kg 4334 u.

1) Small quantity.

Source: Annual Report Questionnaire if not otherwise indicated

4.4. Amphetamine-type Stimulants: Seizures 1997-2002

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Eritrea	No Report	No Report	No Report	6.000 kg [ICPO]	No Report	No Report
Sub-Total				6.000 kg		
North Africa						
Egypt	46.565 lt. 94881 u.	15.348 lt.	5.222 kg 19.023 lt.	11.650 lt. 57076 u.	No Report	10.925 lt.
Morocco	No Report	49561 u.	73917 u.	No Report	No Report	No Report
Sudan	No Report	No Report	No Report	0.250 kg 38 u.	No Report	No Report
Tunisia	No Report	No Report	No Report	No Report	No Report	28038 u.
Sub-Total	46.565 lt. 94881 u.	15.348 lt. 49561 u.	5.222 kg 19.023 lt. 73917 u.	0.250 kg 11.650 lt. 57114 u.		10.925 lt. 28038 u.
Southern Africa						
South Africa	0.280 kg	527 u.	369 u. [ICPO]	0.013 kg [ICPO] 924 u.	59078 u.	1.259 kg 2294 u.
Zambia	0.050 kg [Govt]	0.000 kg [Govt]	0.018 kg	0.000 kg [Govt]	270 u. [Govt]	No Report
Zimbabwe	No Report	15.729 kg	No Report	No Report	No Report	No Report
Sub-Total	0.330 kg	15.729 kg 527 u.	0.018 kg 369 u.	0.013 kg 924 u.	59348 u.	1.259 kg 2294 u.
West and Central Africa						
Burkina Faso	40750 u. [ICPO]	No Report	No Report	No Report	2.851 kg	No Report
Cameroon	No Report	No Report	No Report	No Report	1000 u.	23 u.
Chad	No Report	No Report	1620 u. [ICPO]	180000 u.	No Report	No Report
Côte d'Ivoire	No Report	6385 u.	56.131 kg	0.200 kg [ICPO]	0.124 kg	66373 u.
Gambia	No Report	No Report	328 u.	No Report	3.000 kg	No Report
Niger	186574 u. [ICPO]	No Report	556537 u. [ICPO]	No Report	No Report	No Report
Nigeria	309.525 kg	No Report	322.071 kg	0.580 kg	No Report	No Report
Togo	No Report	No Report	No Report	No Report	No Report	1.160 kg
Sub-Total	309.525 kg 227324 u.	6385 u.	378.202 kg 558485 u.	0.780 kg 180000 u.	5.975 kg 1000 u.	1.160 kg 66396 u.
Total region	309.855 kg 46.565 lt. 322205 u.	15.729 kg 15.348 lt. 56473 u.	383.442 kg 19.023 lt. 632771 u.	7.043 kg 11.650 lt. 238038 u.	5.975 kg 60348 u.	2.419 kg 10.925 lt. 96728 u.
AMERICAS						
Caribbean						
Bahamas	0.200 kg [ICPO]	No Report	No Report	60.000 kg [CICAD]	No Report	No Report
Bermuda	No Report	No Report	No Report	No Report	No Report	65 u. [ICPO]
Cayman Islands	No Report	0.040 kg 120 u.	0.001 kg [ICPO]	No Report	No Report	No Report
Netherlands Antilles	No Report	541.000 kg [F.O]	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Caribbean						
Sub-Total	0.200 kg	541.040 kg 120 u.	0.001 kg	60.000 kg		65 u.
Central America						
Costa Rica	No Report	No Report	No Report	195 u.	468 u.	0.005 kg(1
Sub-Total				195 u.	468 u.	0.005 kg
North America						
Canada	2.260 kg 0.225 lt.	0.590 kg 54.500 lt. 11207 u.	20.218 kg 2.306 lt. 4970 u.	29.482 kg 2.798 lt. 8815 u.	53.231 kg 57798 u.	31.603 kg 4673 u.
Mexico	38.891 kg	98.391 kg	926.011 kg 880 u.	714.920 kg	417.944 kg	459.056 kg
United States	1428.798 kg 84.942 lt. 3747486 u.	1824.363 kg 215.776 lt. 411768 u.	2641.000 kg 20217 u.	2451.383 kg 226.682 lt. 43096 u.	2857.600 kg 5494617 u.	1107.205 kg 217437 u.
Sub-Total	1469.949 kg 85.167 lt. 3747486 u.	1923.344 kg 270.276 lt. 422975 u.	3587.229 kg 2.306 lt. 26067 u.	3195.785 kg 229.480 lt. 51911 u.	3328.775 kg 5552415 u.	1597.864 kg 222110 u.
South America						
Argentina	504 u.	600 u.	4103 u.	10134 u.	3991 u.	430 u.
Brazil	No Report	No Report	No Report	No Report	No Report	201 u.ICPO
Chile	55686 u.	0.011 kg 6973 u.	104523 u.CICAD	11287 u.	22225 u.	2861 u.
Peru	No Report	No Report	No Report	No Report	0.063 kg 709 u.	No Report
Sub-Total	56190 u.	0.011 kg 7573 u.	108626 u.	21421 u.	0.063 kg 26925 u.	3492 u.
Total region	1470.149 kg 85.167 lt. 3803676 u.	2464.395 kg 270.276 lt. 430668 u.	3587.230 kg 2.306 lt. 134693 u.	3255.785 kg 229.480 lt. 73527 u.	3328.838 kg 5579808 u.	1597.869 kg 225667 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	0.040 lt.ICPO	No Report	No Report	No Report	No Report	No Report
Georgia	No Report	No Report	No Report	0.013 kgICPO	No Report	No Report
Kyrgyzstan	0.020 kg	No Report	No Report	No Report	No Report	No Report
Uzbekistan	0.430 kgICPO	No Report	0.031 kg	No Report	No Report	No Report
Sub-Total	0.450 kg 0.040 lt.		0.031 kg	0.013 kg		
East and South-East Asia						
Brunei Darussalam	0.123 kg	0.237 kg	1.197 kg	1.648 kg	0.661 kg 375 u.	0.248 kg
Cambodia	13928 u.ICPO	No Report	No Report	No Report	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
China	1334.000 kg	1608.000 kg	16059.000 kg ICPO	20900.000 kg ICPO	4800.000 kg	3190.000 kg
Hong Kong SAR, China	73.600 kg	232.700 kg Govt.	No Report	87.600 kg	63.100 kg	71.565 kg
	3461 u.			7879 u.	214776 u.	84203 u.
Indonesia	5.621 kg	7.761 kg HNLP	218.625 kg	88.163 kg	48.793 kg	46.580 kg
			29511 u.		5355 u.	421246 u.
Japan	173.526 kg	549.702 kg	1994.459 kg	1030.580 kg ICPO	419.175 kg	446.000 kg
	2.203 lt.	0.788 lt.	0.589 lt.	0.471 lt.	142 u.	0.195 lt.
	1415 u.	1 u.	4589 u.	954 u.		51830 u.
Korea (Republic of)	24.872 kg	28.311 kg	29.233 kg	4.500 kg ICPO	169.562 kg	36.817 kg ICPO
				9240 u.	2095 u.	
Lao People's Dem. Rep.	774714 u. Govt.	No Report	1793202 u. HNLP	1957929 u. Govt	851619 u. Govt	151750 u.
Macau SAR, China	No Report	0.073 kg ICPO	No Report	0.272 kg ICPO	0.035 kg	1.108 kg
		187 u.		785 u.	1732 u.	3867 u.
Malaysia	2.000 kg	No Report	5.411 kg	208.100 kg	No Report	6.046 kg ICPO
			329265 u.	195387 u.		419216 u.
Mongolia	No Report	No Report	0.100 kg ICPO	No Report	4 u.	No Report
Myanmar	5028600 u.	16026688 u.	22.058 kg	6.398 kg	33103548 u.	431.200 kg
			28887514 u.	26759772 u.		9399794 u.
Philippines	694.480 kg ICPO	312.929 kg Govt	943.700 kg	989.760 kg	1777.642 kg	914.335 kg
	2.000 lt.	85.730 lt.		30.000 lt.		
Singapore	0.090 kg	1.711 kg	1.300 kg	0.759 kg	2.175 kg	52243 u.
	8141 u.	4470 u.	1380 u.	24723 u.	19935 u.	
Taiwan province, China	2256.000 kg PRESS	No Report	No Report	836.000 kg PRESS	1156.000 kg PRESS	No Report
Thailand	2183.000 kg F.O	3013.000 kg F.O	4517.000 kg F.O	7557.000 kg HNLP	8338.000 kg F.O	8662.223 kg ICPO
				84000000 u.		
Viet Nam	No Report	No Report	6025 u. ICPO	13876 u. ICPO	72391 u.	No Report
Sub-Total	6747.312 kg	5754.424 kg	23792.080 kg	31710.780 kg	16775.140 kg	13806.120 kg
	4.203 lt.	86.518 lt.	0.589 lt.	30.471 lt.	34271980 u.	0.195 lt.
	5830259 u.	16031350 u.	31051480 u.	112970500 u.		10584150 u.
Near and Middle East /South-West Asia						
Bahrain	No Report	28 u. ICPO	No Report	0.005 kg ICPO	No Report	0.001 kg
						645233 u.
Israel	30807 u.	No Report	190 u. ICPO	131 u. ICPO	0.014 kg	0.001 kg
						424 u.
Jordan	0.290 kg ICPO	262071 u.	518813 u.	5817798 u.	1405872 u.	1512750 u.
	2794059 u.					
Kuwait	No Report	No Report	No Report	110000 u. ICPO	No Report	No Report
Lebanon	No Report	No Report	359 u. ICPO	41616 u. ICPO	No Report	989 u. ICPO
Pakistan	No Report	No Report	No Report	20.000 kg	No Report	No Report
Qatar	1026 u. ICPO	220 u. ICPO	14 u. ICPO	448 u. ICPO	No Report	6081 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Near and Middle East /South-West Asia						
Saudi Arabia	10852279 u. ICPO	3553231 u.	7549665 u. ICPO	9698370 u. (2	1.000 kg 6715652 u.	10409161 u. ICPO
Syrian Arab Republic	2463977 u.	No Report	1470831 u.	1159065 u. (2	1911796 u. Govt (2	3062393 u.
United Arab Emirates	No Report	No Report	No Report	0.107 kg ICPO	0.176 kg	0.037 kg 2 u.
Yemen	3704 u. ICPO	972 u. ICPO	3020 u. ICPO	0.005 kg ICPO 3754 u.	No Report	No Report
Sub-Total	0.290 kg 16145850 u.	3816522 u.	9542892 u.	20.117 kg 16831180 u.	1.190 kg 10033320 u.	0.040 kg 15637030 u.
South Asia						
India	No Report	No Report	No Report	3.000 kg ICPO	0.965 kg	No Report
Maldives	No Report	No Report	0.001 kg	No Report	6 u.	No Report
Nepal	No Report	No Report	No Report	No Report	No Report	0.023 kg
Sub-Total			0.001 kg	3.000 kg	0.965 kg 6 u.	0.023 kg
Total region	6748.052 kg 4.243 lt. 21976110 u.	5754.424 kg 86.518 lt. 19847870 u.	23792.120 kg 0.589 lt. 40594380 u.	31733.910 kg 30.471 lt. 129801700 u.	16777.300 kg 44305300 u.	13806.190 kg 0.195 lt. 26221180 u.
EUROPE						
Eastern Europe						
Albania	No Report	No Report	0.009 kg ICPO	No Report	No Report	10 u.
Belarus	No Report	0.282 kg	1.644 kg	1.267 kg ICPO	No Report	18.546 kg
Bosnia Herzegovina	No Report	No Report	No Report	No Report	No Report	117.000 kg ICPO
Bulgaria	134.293 kg	150 u.	87.192 kg 22928 u.	209.930 kg 18491 u.	64.676 kg (2 760 u.	173.950 kg 135347 u.
Croatia	1.255 kg 1596 u.	0.765 kg 9106 u.	1.110 kg 15429 u.	2.124 kg	0.931 kg	28.026 kg
Czech Republic	0.617 kg 56 u.	76.500 kg ICPO.	21.400 kg 673 u.	13.234 kg ICPO	23.130 kg	4.715 kg 132 u.
Estonia	0.725 kg 0.078 lt.	1.955 kg 971 u.	11.507 kg 2707 u.	26.692 kg 955 u.	25.300 kg	35.119 kg 1023 u.
FYR of Macedonia	No Report	No Report	No Report	No Report	No Report	7.015 kg
Hungary	12.326 kg Govt.	7.605 kg	9.257 kg	10.000 kg	1.740 kg 19 u.	3.731 kg 232 u.
Latvia	0.370 kg	1.395 kg 1.700 lt. 2671 u.	0.493 kg ICPO	0.853 kg 1114 u.	3.551 kg	No Report
Lithuania	0.205 kg 1.348 lt. 5641 u.	0.013 kg 0.994 lt. 142 u.	0.077 kg 0.486 lt. 2297 u.	19.492 kg 0.482 lt. 42 u.	6.886 kg	4.542 kg 229 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Poland	27.150 kg	51.503 kg	51.453 kg	141.600 kg	194.960 kg	161.516 kg
Republic of Moldova	20.607 kg 1034 u.	No Report	0.105 lt. ICPO	No Report	No Report	No Report
Romania	3289 u. ICPO	No Report	10546 u.	15874 u.	11663 u.	0.999 kg
Russian Federation	No Report	34.000 kg F.O	40.500 kg F.O	9.000 kg F.O (3	13.513 kg	37.640 kg ICPO
Serbia and Montenegro	No Report	No Report	No Report	No Report	0.087 kg	No Report
Slovakia	0.094 kg	9.717 kg 35 u.	0.131 kg 22 u.	0.281 kg	0.571 kg	0.331 kg
Slovenia	1.410 kg	0.339 kg 267 u.	0.625 kg ICPO 818 u.	0.218 kg 28546 u.	0.064 kg 98 u.	0.030 kg 390 u.
Ukraine	39.500 kg	2.482 kg	No Report	No Report	0.716 kg	No Report
Sub-Total	238.552 kg 1.426 lt. 11616 u.	186.556 kg 2.694 lt. 13342 u.	225.398 kg 0.591 lt. 55420 u.	434.691 kg 0.482 lt. 65022 u.	336.125 kg 12540 u.	593.159 kg 137363 u.
Western Europe						
Andorra	No Report	143 u. ICPO	43 u.	0.004 kg ICPO	No Report	0.004 kg 42 u.
Austria	7895 u.	9763 u.	5165 u.	0.450 kg 1452 u.	2.918 kg	9.491 kg
Belgium	77.000 kg 511 u.	445.000 kg 271080 u.	325.070 kg 489566 u.	75.140 kg ICPO 18397 u.	75.140 kg UNODC (4 18397 u.	500.000 kg
Cyprus	0.050 kg ICPO	No Report	0.012 kg	0.005 kg ICPO	0.004 kg	0.123 kg 1 u.
Denmark	119.400 kg	25.236 kg	31.600 kg	57.136 kg	160.640 kg	35.256 kg
Finland	22.189 kg 1101 u.	24.784 kg 1003 u.	140.464 kg 17665 u.	79.565 kg	137.730 kg 14967 u.	129.200 kg
France	194.047 kg 198941 u.	165.122 kg 1142226 u.	232.941 kg	676.834 kg 2283620 u.	57.420 kg	168.050 kg
Germany	233.633 kg	309.602 kg	360.000 kg	271.200 kg ICPO	262.539 kg	361.720 kg
Greece	0.034 kg 958 u.	0.003 kg 5 u.	1.380 kg 257 u.	2.008 kg 30109 u.	0.078 kg 8 u.	0.500 kg 1789 u.
Iceland	No Report	No Report	5.078 kg	10.267 kg	0.132 kg	7.161 kg
Ireland	102.585 kg 22191 u.	43.162 kg 46538 u.	13.300 kg ICPO 12015 u.	5.040 kg 568952 u.	17.955 kg	16.473 kg 12728 u.
Italy	0.384 kg 10950 u.	2.454 kg 2309 u.	5.131 kg ICPO 16115 u.	0.197 kg 77299 u.	0.924 kg 327 u.	2.099 kg 341 u.
Liechtenstein	No Report	No Report	No Report	No Report	12 u.	0.003 kg
Luxembourg	0.010 kg ICPO	No Report	0.016 kg ICPO	0.157 kg ICPO	No Report	0.006 kg ICPO
Malta	0.060 kg 100 u.	No Report	No Report	45 u. (5	No Report	No Report
Netherlands	815.000 kg Govt 102240 u.	1450.000 kg Govt 242409 u.	853.000 kg Govt 45847 u.	293.000 kg Govt	579.000 kg	481.000 kg 1028 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Amphetamine-type Stimulants (excluding 'Ecstasy')

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Norway	93.241 kg	207.999 kg	52.110 kg	95.506 kg	106.936 kg	232.566 kg
			6056 u.	1147 u.	2565 u.	11912 u.
Portugal	0.019 kg	1131 u.(6	0.087 kg	0.029 kg	0.001 kg	0.640 kg
	549 u.		31393 u.	22 u.	35 u.	34 u.
Spain	119.584 kg	176.985 kg	49.538 kg	23.412 kg	18.700 kg	55.642 kg
			182.000 lt.		29711 u.	31427 u.
Sweden	187.374 kg	134.714 kg	120.310 kg	107.039 kg ICPO	253.161 kg	350.300 kg
	16057 u.		1099 u.			
Switzerland	7.981 kg	No Report	10.700 kg	39.105 kg	4.608 kg	10.433 kg
Turkey	1020130 u.	No Report	4244493 u.	295037 u.	1090486 u.(2	1294285 u.
United Kingdom	3295.700 kg	1807.847 kg	1194.938 kg ICPO	1772.344 kg	1716.626 kg	1716.626 kg(7
			25021 u.	6541808 u.		
Sub-Total	5268.291 kg	4792.908 kg	3395.675 kg	3508.438 kg	3394.512 kg	4077.293 kg
	1381623 u.	1716607 u.	182.000 lt.	9817888 u.	1156508 u.	1353587 u.
			4894735 u.			
Total region	5506.843 kg	4979.464 kg	3621.073 kg	3943.129 kg	3730.636 kg	4670.453 kg
	1.426 lt.	2.694 lt.	182.591 lt.	0.482 lt.	1169048 u.	1490950 u.
	1393239 u.	1729949 u.	4950155 u.	9882910 u.		
OCEANIA						
Oceania						
Australia	202.814 kg	182.220 kg Govt. (8	276.288 kg (8	427.312 kg	876.006 kg (9	1283.046 kg(9
Fiji	No Report	No Report	No Report	0.333 kg ICPO	No Report	No Report
New Zealand	No Report	1.340 kg	1.104 kg	10.175 kg	4.170 kg	7.439 kg
			1400 u.	103 u.		523 u.
Sub-Total	202.814 kg	183.560 kg	277.392 kg	437.820 kg	880.176 kg	1290.485 kg
			1400 u.	103 u.		523 u.
Total region	202.814 kg	183.560 kg	277.392 kg	437.820 kg	880.176 kg	1290.485 kg
			1400 u.	103 u.		523 u.
TOTAL	14237.710 kg	13397.570 kg	31661.250 kg	39377.690 kg	24722.920 kg	21367.410 kg
	137.401 lt.	374.836 lt.	204.509 lt.	272.083 lt.	51114510 u.	11.120 lt.
	27495230 u.	22064960 u.	46313400 u.	139996300 u.		28035050 u.

1) Ketamine 2) Captagon 3) Including other hallucinogens. 4) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 5) Duromine 6) Small quantity. 7) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 8) Provisional figures. 9) Includes ecstasy

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Ecstasy (MDA, MDEA, MDMA)*

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
North Africa						
Egypt	No Report	No Report	No Report	3372 u.	70080 u.	785 u.
Sub-Total				3372 u.	70080 u.	785 u.
Southern Africa						
Lesotho	No Report	No Report	No Report	No Report	No Report	1.884 kg ICPO
Namibia	No Report	No Report	74 u.	157 u.	546 u.	49 u.
South Africa	No Report	No Report	30132 u. ICPO	1.177 kg 297021 u.	95792 u.	14.540 kg 424258 u.
Zimbabwe	No Report	No Report	3 u.	No Report	6 u.	58 u.
Sub-Total			30209 u.	1.177 kg 297178 u.	96344 u.	16.424 kg 424365 u.
Total region			0.030 kg 31082 u.	561.757 kg 12208530 u.	523.613 kg 9694573 u.	123.397 kg 8109053 u.
AMERICAS						
Caribbean						
Aruba	No Report	No Report	873 u. F.O	85279 u. F.O	59874 u. F.O	19445 u. ICPO
Bahamas	No Report	No Report	No Report	63.000 kg	0.023 kg 0 u.	0.027 kg
Bermuda	No Report	No Report	No Report	No Report	153 u. F.O	65 u.
Cayman Islands	No Report	No Report	0.030 kg	80 u. F.O	No Report	120 u.
Cuba	No Report	No Report	No Report	No Report	No Report	0.001 kg ICPO
Dominican Republic	No Report	No Report	No Report	125073 u. F.O	30903 u.	153605 u. HONLC
Guadeloupe	No Report	No Report	No Report	25540 u. F.O	500 u. F.O	No Report
Jamaica	No Report	No Report	No Report	No Report	5070 u.	79 u. ICPO
Netherlands Antilles	No Report	No Report	No Report	15.464 kg ICPO	20465 u. F.O	94 u. ICPO
Puerto Rico	No Report	No Report	No Report	No Report	1977 u. F.O	No Report
Sub-Total			0.030 kg 873 u.	78.464 kg 235972 u.	0.023 kg 118942 u.	0.028 kg 173408 u.
Central America						
Costa Rica	No Report	No Report	No Report	46 u.	87 u.	83 u.
Nicaragua	No Report	No Report	No Report	No Report	No Report	19886 u.
Panama	No Report	No Report	No Report	2256 u.	22166 u.	934 u. HONLC
Sub-Total				2302 u.	22253 u.	20903 u.
North America						
Canada	No Report	No Report	No Report	449.814 kg ICPO 2069709 u.	421.590 kg 846973 u.	74.992 kg 177450 u.
Mexico	No Report	No Report	No Report	32.302 kg ICPO	102.000 kg	31.953 kg
United States	No Report	No Report	No Report	9600000 u.	8539981 u.	7312142 u.
Sub-Total						

Source: Annual Report Questionnaire if not otherwise indicated

ICPO

SEIZURES, 1997 - 2002

Ecstasy (MDA, MDEA, MDMA)

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
South America						
Argentina	No Report	No Report	No Report	No Report	No Report	430 u. ICPO
Brazil	No Report	No Report	59612 u. ICPO	36796 u.	1909 u. Govt	15804 u. F.O
Chile	No Report	No Report	No Report	140 u. ICPO	2626 u.	458 u.
Colombia	No Report	No Report	1022 u.	83.000 kg	No Report	175382 u.
Ecuador	No Report	No Report	No Report	No Report	7 u.	185.000 kg HONLC
Guyana	No Report	No Report	626 u. F.O	124 u. F.O	No Report	No Report
Peru	No Report	No Report	No Report	No Report	35 u.	78 u.
Suriname	No Report	3000 u. CICAD	No Report	61232 u. INCSR	No Report	80 u.
Uruguay	No Report	No Report	84 u.	738 u.	No Report	31 u.
Venezuela	No Report	No Report	No Report	7985 u. CICAD	2 u.	16010 u.
Sub-Total		3000 u.	61344 u.	83.000 kg 107015 u.	4579 u.	185.000 kg 208273 u.
Total region		3000 u.	0.030 kg 62217 u.	643.580 kg 12015000 u.	523.613 kg 9532728 u.	291.973 kg 7892176 u.
ASIA						
East and South-East Asia						
Brunei Darussalam	No Report	No Report	32 u.	No Report	No Report	10 u.
China	No Report	No Report	No Report	200.000 kg HNLP 240000 u.	2700000 u.	3000000 u. ICPO
Hong Kong SAR, China	No Report	No Report	21202 u. ICPO	58.800 kg 378621 u.	0.032 kg 170243 u.	0.053 kg 48840 u.
Indonesia	No Report	No Report	29510 u. ICPO	No Report	No Report	84224 u.
Japan	No Report	No Report	No Report	77528 u. ICPO	0.121 kg 112542 u.	2.600 kg 156076 u.
Korea (Republic of)	No Report	No Report	No Report	No Report	1672 u.	39011 u. ICPO
Macau SAR, China	No Report	No Report	No Report	2453 u. ICPO	1687 u.	672 u.
Malaysia	No Report	No Report	55975 u.	49901 u. ICPO	No Report	164884 u. ICPO
Philippines	No Report	No Report	No Report	1026 u.	No Report	246 u.
Singapore	No Report	No Report	4.070 kg 17232 u.	10339 u.	0.257 kg 23846 u.	7331 u.
Thailand	80047 u. HNLP	5878 u. HNLP	30615 u. F.O	72182 u. HNLP	61922 u. F.O	145873 u. F.O
Sub-Total	80047 u.	5878 u.	4.070 kg 154566 u.	258.800 kg 832050 u.	0.410 kg 3071912 u.	2.653 kg 3647167 u.
Near and Middle East /South-West Asia						
Israel	No Report	No Report	130.687 kg ICPO 30335 u.	270000 u.	1.504 kg 121695 u.	4.454 kg 951057 u.
Jordan	No Report	No Report	5000 u. ICPO	No Report	No Report	No Report
Sub-Total			130.687 kg 35335 u.	270000 u.	1.504 kg 121695 u.	4.454 kg 951057 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Ecstasy (MDA, MDEA, MDMA)*

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Total region	80047 u.	5878 u.	134.757 kg 189901 u.	258.800 kg 1102050 u.	1.914 kg 3193607 u.	7.107 kg 4598224 u.
EUROPE						
Eastern Europe						
Belarus	No Report	No Report	No Report	No Report	No Report	0.536 kg ICPO
Bosnia Herzegovina	No Report	No Report	No Report	No Report	No Report	1212 u. ICPO
Bulgaria	No Report	No Report	No Report	4524 u. Govt	7.900 kg 2361 u.	1.500 kg 3135 u.
Croatia	No Report	No Report	15421 u. ICPO	9979 u.	12906 u.	110632 u.
Czech Republic	No Report	No Report	No Report	17502 u.	29.890 kg	1.893 kg 88391 u.
Estonia	No Report	No Report	1770 u. ICPO	0.431 kg 1351 u.	1.714 kg	3.402 kg
FYR of Macedonia	184 u. NAPOL	787 u. NAPOL	5532 u. NAPOL	280 u. NAPOL	45 u. Govt	0.002 kg 18341 u.
Hungary	No Report	No Report	466 u.	13616 u.	0.260 kg 18301 u.	5.575 kg 23730 u.
Latvia	No Report	No Report	0.749 kg ICPO 17 u.	No Report	1620 u.	No Report
Lithuania	No Report	No Report	1122 u. ICPO	50724 u. ICPO	0.045 kg 514 u.	0.003 kg 1205 u.
Poland	No Report	No Report	6319 u.	129513 u.	232735 u.	38179 u.
Romania	No Report	No Report	No Report	10945 u. ICPO	67210 u.	0.007 kg 19567 u.
Russian Federation	No Report	No Report	No Report	No Report	0.850 kg	No Report
Serbia and Montenegro	No Report	No Report	No Report	No Report	0.079 kg 10811 u.	10000 u.
Slovakia	No Report	No Report	9 u.	493 u. ICPO	0.568 kg	435 u.
Slovenia	No Report	No Report	1749 u. ICPO	0.053 kg 27974 u.	1852 u.	7877 u.
Ukraine	No Report	No Report	1.349 kg ICPO 18888 u.	0.305 kg ICPO 4784 u.	47 u.	No Report
Sub-Total	184 u.	787 u.	2.098 kg 51293 u.	0.789 kg 271685 u.	41.306 kg 348402 u.	12.918 kg 322704 u.
Western Europe						
Andorra	No Report	No Report	43 u. ICPO	283 u. ICPO	85 u.	42 u. ICPO
Austria	No Report	No Report	31129 u.	162.093 kg	256299 u.	0.099 kg 383451 u.
Belgium	No Report	No Report	266.460 kg ICPO 467477 u.	37.000 kg ICPO 818515 u.	37.000 kg UNODC (1 818515 u.	1564.000 kg
Cyprus	No Report	No Report	0.001 kg 62 u.	0.005 kg 3317 u.	0.004 kg 2910 u.	0.273 kg 10253 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Ecstasy (MDA, MDEA, MDMA)*

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Denmark	No Report	No Report	26117 u.	21608 u.	150080 u.	25738 u.
Finland	No Report	No Report	16578 u. ICPO	87393 u.	81228 u.	45065 u.
France	No Report	No Report	1860402 u.	2283620 u. HNLP	1503773 u.	2156937 u.
Germany	No Report	No Report	1470507 u. Govt	1634683 u.	4576504 u.	3207099 u.
Greece	No Report	No Report	2815 u.	53557 u.	58845 u.	28430 u.
Iceland	No Report	No Report	7478 u.	22057 u.	93151 u.	0.006 kg 814 u.
Ireland	No Report	No Report	74.609 kg 266462 u.	695133 u. ICPO	469862 u.	0.153 kg 117046 u.
Italy	No Report	No Report	272288 u. ICPO	501986 u.	0.285 kg 308845 u.	0.006 kg 397566 u.
Liechtenstein	No Report	No Report	No Report	10 u.	No Report	0.001 kg
Luxembourg	No Report	No Report	357 u.	318 u. ICPO	No Report	1139 u. ICPO
Malta	No Report	No Report	459 u.	5191 u.	2242 u.	1012 u. ICPO
Monaco	No Report	No Report	3 u. ICPO	5 u. ICPO	No Report	55 u.
Netherlands	703.289 kg Govt 870980 u.	1163514 u. Govt	3663608 u. Govt	632.000 kg Govt 5500000 u.	113.000 kg 8684505 u.	849.000 kg 6787167 u.
Norway	No Report	No Report	0.025 kg 24644 u.	0.114 kg 49208 u.	0.117 kg 61205 u.	0.077 kg 102409 u.
Portugal	No Report	No Report	0.086 kg Govt 31319 u.	1.089 kg 25499 u.	0.088 kg 126451 u.	1.675 kg 222466 u.
Spain	No Report	No Report	357649 u.	891562 u. ICPO	860164 u.	1396142 u.
Sweden	No Report	No Report	No Report	0.262 kg ICPO 184161 u.	0.314 kg 57750 u.	96577 u.
Switzerland	No Report	No Report	No Report	189569 u. (2	86959 u.	88342 u.
Turkey	No Report	No Report	No Report	33894 u. Govt.	121508 u.	98989 u.
United Kingdom	No Report	No Report	6323500 u. NCIS	6534813 u.	7662228 u.	7662228 u. (3
Sub-Total	703.289 kg 870980 u.	1163514 u.	341.181 kg 14822900 u.	832.563 kg 19536380 u.	150.808 kg 25983110 u.	2415.290 kg 22828970 u.
Total region	703.289 kg 871164 u.	1164301 u.	343.279 kg 14874190 u.	833.352 kg 19808070 u.	192.114 kg 26331510 u.	2428.208 kg 23151670 u.
OCEANIA						
Oceania						
Australia	No Report	No Report	55.521 kg	No Report	338.400 kg Govt. (4	722.000 kg Govt.
New Zealand	No Report	No Report	No Report	0.072 kg 8798 u.	3.000 lt. 83449 u.	256350 u.
Sub-Total			55.521 kg	0.072 kg 8798 u.	338.400 kg 3.000 lt. 83449 u.	722.000 kg 256350 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Ecstasy (MDA, MDEA, MDMA)*

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Total region			55.521 kg	0.072 kg 8798 u.	338.400 kg 3.000 lt. 83449 u.	722.000 kg 256350 u.
TOTAL	703.289 kg 951211 u.	1173179 u.	533.617 kg 15187600 u.	2298.738 kg 45443000 u.	1579.653 kg 3.000 lt. 49002290 u.	3589.110 kg 44432620 u.

1) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 2) Includes ecstasy 3) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 4) Fiscal year

*** General reporting of ecstasy started only in the year 2000.**

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Depressants (excluding Methaqualone)

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	No Report	9060 u.	No Report	272 u.	No Report	157 u.
Mauritius	1886 u.	11694 u.	952 u.	1758 u.	No Report	2781 u.
Sub-Total	1886 u.	20754 u.	952 u.	2030 u.		2938 u.
North Africa						
Algeria	No Report	No Report	110786 u.	100555 u. ICPO	No Report	244214 u.
Egypt	No Report	No Report	No Report	No Report	No Report	85064 u.
Morocco	36236 u. Govt.	No Report	No Report	71672 u.	No Report	60458 u.
Tunisia	No Report	4439 u.	No Report	No Report	No Report	No Report
Sub-Total	36236 u.	4439 u.	110786 u.	172227 u.		389736 u.
Southern Africa						
Botswana	No Report	No Report	0.073 kg ICPO 500 u.	No Report	No Report	No Report
Mozambique	No Report	5080 u. ICPO	No Report	No Report	No Report	No Report
South Africa	No Report	No Report	No Report	0.025 kg ICPO 3026 u.	No Report	0.316 kg 6437 u.
Zambia	0.800 kg Govt	0.908 kg Govt	4140 u.	0.000 kg Govt	0.064 kg Govt 3522 u.	No Report
Zimbabwe	No Report	43.640 kg	No Report	No Report	No Report	No Report
Sub-Total	0.800 kg	44.548 kg 5080 u.	0.073 kg 4640 u.	0.025 kg 3026 u.	0.064 kg 3522 u.	0.316 kg 6437 u.
West and Central Africa						
Benin	24 u. Govt.	No Report	No Report	No Report	No Report	No Report
Cameroon	No Report	No Report	No Report	No Report	No Report	40 u.
Chad	No Report	No Report	5360 u. ICPO	961230 u.	No Report	No Report
Congo	No Report	No Report	No Report	0.003 kg	No Report	2 u.
Côte d'Ivoire	71.500 kg 44699 u.	23.600 kg 9367 u.	66.690 kg	48.646 kg ICPO	298.041 kg	247356 u.
Gambia	No Report	4500 u. ICPO	No Report	No Report	3.000 kg	No Report
Niger	No Report	679484 u. ICPO	367823 u. ICPO	No Report	No Report	No Report
Nigeria	1426.487 kg	No Report	No Report	134.690 kg	282.454 kg	No Report
Senegal	No Report	4063 u. ICPO	4737 u. ICPO	310 u. ICPO	No Report	No Report
Sub-Total	1497.987 kg 44723 u.	23.600 kg 697414 u.	66.690 kg 377920 u.	183.339 kg 961540 u.	583.495 kg	247398 u.
Total region	1498.787 kg 82845 u.	68.148 kg 727687 u.	66.763 kg 494298 u.	183.364 kg 1138823 u.	583.559 kg 3522 u.	0.316 kg 646509 u.
AMERICAS						
Caribbean						
Cayman Islands	No Report	No Report	0.001 kg	1 u.	No Report	No Report
Dominican Republic	No Report	No Report	8 u. ICPO	No Report	50 u.	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Depressants (excluding Methaqualone)

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
Caribbean						
Sub-Total			0.001 kg 8 u.	1 u.	50 u.	
Central America						
El Salvador	No Report	40000 u. [ICPO]	No Report	0.010 kg [ICPO] 22964 u.	No Report	No Report
Guatemala	No Report	52.000 kg	No Report	No Report	No Report	No Report
Honduras	1 u.	No Report	No Report	No Report	No Report	No Report
Sub-Total	1 u.	52.000 kg 40000 u.		0.010 kg 22964 u.		
North America						
Canada	0.880 kg 0.120 lt. 122359 u.	0.934 kg 0.686 lt. 12033 u.	0.726 kg 2.439 lt. 8355 u.	173.865 kg 4.511 lt. 10921 u.	5.321 kg 18684 u.	7.497 kg [1] 25017 u.
Mexico	117104 u.	1484000 u.	182604 u.	734281 u. [ICPO]	823726 u.	5353064 u.
United States	0.026 kg 0.867 lt. 709685 u.	No Report	2.646 kg 403724 u.	0.508 kg 0.021 lt. 3338 u.	53385 u.	254975 u.
Sub-Total	0.906 kg 0.987 lt. 949148 u.	0.934 kg 0.686 lt. 1496033 u.	3.372 kg 2.439 lt. 594683 u.	174.373 kg 4.532 lt. 748540 u.	5.321 kg 895795 u.	7.497 kg 5633056 u.
South America						
Argentina	5759 u.	13125 u.	8055 u.	11779 u.	4795 u.	24028 u.
Chile	No Report	0.002 kg 2545 u.	19813 u. [CICAD]	6993 u.	9341 u.	34882 u.
Uruguay	No Report	No Report	No Report	No Report	No Report	4 u.
Sub-Total	5759 u.	0.002 kg 15670 u.	27868 u.	18772 u.	14136 u.	58914 u.
Total region	0.906 kg 0.987 lt. 954908 u.	52.936 kg 0.686 lt. 1551703 u.	3.373 kg 2.439 lt. 622559 u.	174.383 kg 4.532 lt. 790277 u.	5.321 kg 909981 u.	7.497 kg 5691970 u.
ASIA						
Central Asia and Transcaucasian countries						
Armenia	No Report	No Report	1209 u. [ICPO]	No Report	No Report	No Report
Georgia	No Report	180 u. [ICPO]	0.018 kg [ICPO] 1060 u.	0.444 kg [ICPO]	No Report	No Report
Kazakhstan	No Report	No Report	56.000 kg	No Report	No Report	No Report
Uzbekistan	970 u.	No Report	No Report	No Report	No Report	13774 u.
Sub-Total	970 u.	180 u.	56.018 kg 2269 u.	0.444 kg		13774 u.
East and South-East Asia						
Brunei Darussalam	3227 u.	No Report	53 u.	1 u.	1 u.	232 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Depressants (excluding Methaqualone)

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Hong Kong SAR, China	512832 u.	162850 u. Govt.	12.208 kg (2	0.090 kg ICPO	2.000 kg	0.007 kg (1
			1134461 u.	77862 u.	390550 u.	0.020 lt.
						1155 u.
Indonesia	No Report	17793 u.	372494 u. ICPO	No Report	37545 u.	No Report
Japan	56895 u.	0.024 kg	0.003 lt.	0.003 kg	0.002 kg	93733 u.
		0.010 lt.	97310 u.	32358 u.	20545 u.	
		141455 u.				
Korea (Republic of)	681233 u.	1452896 u.	1030567 u.	2176 u. ICPO	No Report	No Report
Macau SAR, China	No Report	4937 u. ICPO	No Report	19421 u.	2583 u.	2374 u.
Myanmar	No Report	No Report	No Report	No Report	No Report	347662 u.
Philippines	No Report	No Report	No Report	100000 u. (3	No Report	No Report
Singapore	582 u.	34911 u.	13069 u.	48061 u.	0.074 kg	800 u.
					1807 u.	
Thailand	No Report	No Report	4.630 kg ICPO	10.524 kg ICPO	No Report	No Report
Viet Nam	No Report	No Report	74274 u. ICPO	115000 u. ICPO	158007 u.	No Report
Sub-Total	1254769 u.	0.024 kg	16.838 kg	10.617 kg	2.076 kg	0.007 kg
		0.010 lt.	0.003 lt.	394879 u.	611038 u.	0.020 lt.
		1814842 u.	2722228 u.			445956 u.
Near and Middle East /South-West Asia						
Bahrain	No Report	No Report	No Report	No Report	No Report	8527 u.
Israel	No Report	No Report	936 u. ICPO	No Report	No Report	No Report
Jordan	2794 u.	No Report	No Report	1014 u.	No Report	No Report
Kuwait	No Report	8943 u.	No Report	No Report	No Report	No Report
Lebanon	490 u.	No Report	359 u.	41616 u.	859 u.	989 u.
Oman	No Report	No Report	No Report	No Report	1815.000 kg	3554 u.
Pakistan	No Report	No Report	No Report	20000 u. ICPO	No Report	No Report
Qatar	No Report	753 u. ICPO	2164 u. ICPO	15 u. ICPO	No Report	99 u.
Saudi Arabia	No Report	No Report	No Report	854 u. ICPO	No Report	No Report
Syrian Arab Republic	No Report	No Report	15117 u. ICPO	No Report	No Report	No Report
United Arab Emirates	No Report	No Report	No Report	No Report	0.498 kg	No Report
Yemen	No Report	169 u. ICPO	No Report	1486 u. ICPO	No Report	No Report
Sub-Total	3284 u.	9865 u.	18576 u.	64985 u.	1815.498 kg	13169 u.
					859 u.	
South Asia						
Nepal	No Report	6811 u.	No Report	1654 u. ICPO	No Report	No Report
Sub-Total		6811 u.		1654 u.		
Total region	1259023 u.	0.024 kg	72.856 kg	11.061 kg	1817.574 kg	0.007 kg
		0.010 lt.	0.003 lt.	461518 u.	611897 u.	0.020 lt.
		1831698 u.	2743073 u.			472898 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Depressants (excluding Methaqualone)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Belarus	No Report	No Report	0.002 kg	0.100 kg	No Report	52.144 kg
Bulgaria	0.627 kg	93460 u.	1.500 kg	4.682 kg 4142 u.	No Report	1.103 kg
Croatia	4915 u.	4358 u.	8335 u.	4778 u.	No Report	No Report
Czech Republic	No Report	No Report	50.000 kg	9450 u.	1119 u.	841 u.
Estonia	9.139 kg 908 u.	No Report	0.103 kg 138 u.	1.525 kg (1 846 u.	0.184 kg 14571 u.	27.883 kg (1
FYR of Macedonia	No Report	No Report	No Report	No Report	No Report	10 u.
Hungary	No Report	No Report	No Report	No Report	0.001 kg	192 u.
Latvia	20830 u.	11244 u.	0.171 kg 13562 u.	No Report	9011 u.	No Report
Lithuania	No Report	1237 u.	580 u.	106 u.	No Report	0.111 kg (1 67 u.
Poland	No Report	No Report	No Report	No Report	8.000 lt.	5132 u.
Republic of Moldova	No Report	1800 u.	No Report	No Report	No Report	No Report
Romania	No Report	No Report	No Report	No Report	5961 u.	33686 u.
Russian Federation	975 u.	No Report	39.500 kg ICPO	2.420 kg ICPO	61.574 kg	No Report
Slovakia	10642 u.	1356 u.	1104 u.		No Report	No Report
Slovenia	No Report	5745 u.	621 u.	735 u.	460 u.	8 u.
Ukraine	No Report	No Report	0.001 kg ICPO 8427 u.	289318 u. ICPO	No Report	606.000 kg
Sub-Total	9.766 kg 38270 u.	119200 u.	91.277 kg 32767 u.	8.727 kg 309375 u.	61.759 kg 8.000 lt. 31122 u.	687.241 kg 39936 u.
Western Europe						
Andorra	No Report	No Report	No Report	11 u. ICPO	No Report	No Report
Austria	No Report	No Report	No Report	32207 u. ICPO	36132 u.	24000 u.
Belgium	No Report	No Report	No Report	No Report	No Report	137009 u. (4
Finland	48395 u.	35664 u.	45448 u.	32148 u.	11700 u.	No Report
France	No Report	No Report	No Report	0.039 kg	No Report	No Report
Germany	6035 u.	7071 u.	No Report	No Report	No Report	No Report
Greece	10.400 kg 26403 u.	2.306 kg 18470 u.	80.210 kg 217004 u.	3.700 kg 35354 u.	22.204 kg 43958 u.	39971 u.
Ireland	0.248 kg 4935 u.	No Report	13793 u. ICPO	1.121 kg	No Report	5040 u.
Italy	14437 u.	0.037 kg 1506 u.	0.232 kg ICPO 3316 u.	0.662 kg 1883 u.	No Report	No Report
Liechtenstein	No Report	No Report	No Report	10280 u. (4	430 u.	0.304 kg
Luxembourg	No Report	145 u.	No Report	No Report	No Report	No Report
Malta	212 u.	353 u.	8 u.	207 u.	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Depressants (excluding Methaqualone)

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Norway	130000 u.	0.071 kg 101295 u.	0.012 kg 180500 u.	0.043 kg 413548 u.	11.361 kg 848206 u.	47.281 kg 1251914 u.
Portugal	1945 u.	2577 u.	2122 u.	0.001 kg 4794 u.	3689 u.	0.007 kg 1071 u.
Spain	59352 u.	99126 u.	343974 u.	6.825 lt.(1 132951 u.	595619 u.	22016 u.(1
Sweden	No Report	0.302 kg 293508 u.	255000 u.	2.320 kg(1 16.558 lt. 237312 u.	46.570 lt. 271478 u.	25.400 lt.(1 965400 u.
Switzerland	No Report	1204104 u.	554641 u.	1907207 u.	No Report	No Report
Turkey	No Report	3559 u.	No Report	No Report	No Report	No Report
United Kingdom	6.200 kg	No Report	12000 u. ICPO	3.360 kg 37 u.	12.558 kg 105513 u.	12.558 kg(5 105513 u.
Sub-Total	16.848 kg 291714 u.	2.716 kg 1767378 u.	80.454 kg 1627806 u.	11.246 kg 23.383 lt. 2807939 u.	46.123 kg 46.570 lt. 1916725 u.	60.150 kg 25.400 lt. 2551934 u.
Total region	26.614 kg 329984 u.	2.716 kg 1886578 u.	171.731 kg 1660573 u.	19.973 kg 23.383 lt. 3117314 u.	107.882 kg 54.570 lt. 1947847 u.	747.391 kg 25.400 lt. 2591870 u.
OCEANIA						
Oceania						
Australia	0.380 kg	No Report	No Report	0.117 kg	0.038 kg	1.049 kg(6 100.000 lt.
New Zealand	No Report	445 u.	126 u.	317 u.	No Report	5.170 lt.(1 339 u.
Sub-Total	0.380 kg	445 u.	126 u.	0.117 kg 317 u.	0.038 kg	1.049 kg 105.170 lt. 339 u.
Total region	0.380 kg	445 u.	126 u.	0.117 kg 317 u.	0.038 kg	1.049 kg 105.170 lt. 339 u.
TOTAL	1526.687 kg 0.987 lt. 2626760 u.	123.824 kg 0.696 lt. 5998111 u.	314.723 kg 2.442 lt. 5520629 u.	388.898 kg 27.915 lt. 5508249 u.	2514.374 kg 54.570 lt. 3473248 u.	756.260 kg 130.590 lt. 9403586 u.

1) Including GHB 2) Includes mainly benzodiazapines 3) Diazepam 4) Rohypnol 5) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 6) Litre amount for GHB

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Hallucinogens (excluding LSD but incl. "Ecstasy")

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
North Africa						
Egypt	No Report	No Report	No Report	3372 u.	70080 u.	785 u.
Sub-Total				3372 u.	70080 u.	785 u.
Southern Africa						
Lesotho	No Report	No Report	No Report	No Report	No Report	1.884 kg [ICPO]
Namibia	No Report	No Report	74 u.	157 u.	546 u.	49 u.
South Africa	118784 u.	111733 u.	30132 u. [ICPO]	1.177 kg 297021 u.	95792 u.	14.540 kg 424258 u.
Zimbabwe	No Report	No Report	3 u.	No Report	0.000 kg 6 u.	58 u.
Sub-Total	118784 u.	111733 u.	30209 u.	1.177 kg 297178 u.	0.000 kg 96344 u.	16.424 kg 424365 u.
West and Central Africa						
Central African Republic	No Report	No Report	No Report	No Report	No Report	2.000 lt. [Govt]
Sub-Total						2.000 lt.
Total region	118784 u.	111733 u.	0.030 kg 31111 u.	79.641 kg 538906 u.	0.023 kg 307619 u.	16.452 kg 2.000 lt. 619461 u.
AMERICAS						
Caribbean						
Aruba	No Report	No Report	873 u. [F.O]	85279 u. [F.O]	59874 u. [F.O]	19445 u. [ICPO]
Bahamas	No Report	No Report	No Report	63.000 kg	0.023 kg 0 u.	0.027 kg
Bermuda	No Report	No Report	No Report	No Report	153 u. [F.O]	65 u.
Cayman Islands	No Report	No Report	0.030 kg	162 u.	No Report	120 u.
Cuba	No Report	No Report	No Report	No Report	No Report	0.001 kg [ICPO]
Dominican Republic	No Report	No Report	29 u.	125073 u. [F.O]	30903 u.	153605 u. [HONLC]
Guadeloupe	No Report	No Report	No Report	25540 u. [F.O]	500 u. [F.O]	No Report
Jamaica	No Report	No Report	No Report	No Report	5070 u.	79 u. [ICPO]
Netherlands Antilles	No Report	No Report	No Report	15.464 kg [ICPO]	20465 u. [F.O]	94 u. [ICPO]
Puerto Rico	No Report	No Report	No Report	No Report	1977 u. [F.O]	No Report
Sub-Total			0.030 kg 902 u.	78.464 kg 236054 u.	0.023 kg 118942 u.	0.028 kg 173408 u.
Central America						
Costa Rica	No Report	No Report	No Report	46 u.	87 u.	83 u.
Nicaragua	No Report	No Report	No Report	No Report	No Report	19886 u.
Panama	No Report	No Report	No Report	2256 u.	22166 u.	934 u. [HONLC]
Sub-Total				2302 u.	22253 u.	20903 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Hallucinogens (excluding LSD but incl. "Ecstasy")

Region/country or territory	1997	1998	1999	2000	2001	2002
AMERICAS						
North America						
Canada	47.703 kg 9288 u.	64.019 kg 0.022 lt. 25451 u.	561.837 kg 0.503 lt. 3427 u.	764.514 kg 0.155 lt. 2136444 u.	459.025 kg 846973 u.	285.733 kg 177450 u.
Mexico	611.380 kg	93.000 kg	No Report	32.302 kg [ICPO]	102.000 kg	31.953 kg
United States	44.588 kg 59.968 lt. 151934 u.	No Report	160.515 kg 4745097 u.	9600000 u. [ICPO]	9795741 u.	7637544 u.
Sub-Total	703.671 kg 59.968 lt. 161222 u.	157.019 kg 0.022 lt. 25451 u.	722.352 kg 0.503 lt. 4748524 u.	796.816 kg 0.155 lt. 11736440 u.	561.026 kg 10642710 u.	317.686 kg 7814994 u.
South America						
Argentina		No Report	No Report	No Report	No Report	430 u. [ICPO]
Brazil	No Report	No Report	59612 u. [ICPO]	36796 u. [(1]	1909 u. [Govt]	15804 u. [F.O]
Chile	No Report	2.977 kg	No Report	140 u. [ICPO]	2626 u.	583 u.
Colombia	No Report	No Report	1022 u.	83.000 kg	No Report	175382 u.
Ecuador	No Report	No Report	No Report	No Report	7 u.	185.000 kg [HONLC]
Guyana	No Report	No Report	626 u. [F.O]	124 u. [F.O]	No Report	No Report
Peru	No Report	No Report	No Report	No Report	35 u.	78 u.
Suriname	No Report	6000 u.	No Report	61232 u. [INCSR]	No Report	80 u.
Uruguay	No Report	No Report	84 u.	738 u.	No Report	31 u.
Venezuela	No Report	No Report	No Report	7985 u. [CICAD]	2 u.	16010 u.
Sub-Total		2.977 kg 6000 u.	61344 u.	83.000 kg 107015 u.	4579 u.	185.000 kg 208398 u.
Total region	703.671 kg 59.968 lt. 161222 u.	159.996 kg 0.022 lt. 31451 u.	722.382 kg 0.503 lt. 4810770 u.	958.280 kg 0.155 lt. 12081820 u.	561.049 kg 10788490 u.	502.714 kg 8217703 u.
ASIA						
Central Asia and Transcaucasian countries						
Kazakhstan	No Report	No Report	1099.000 kg	No Report	No Report	No Report
Sub-Total			1099.000 kg			
East and South-East Asia						
Brunei Darussalam	No Report	No Report	32 u.	No Report	No Report	10 u.
China	No Report	No Report	No Report	200.000 kg [HNLP] 240000 u.	2700000 u.	3000000 u. [ICPO]
Hong Kong SAR, China	49613 u.	265 u. [Govt.]	21202 u. [ICPO]	58.800 kg 378621 u.	0.032 kg 170243 u.	89.953 kg 49374 u.
Indonesia	5.197 kg 89413 u.	119655 u.	32361 u.	383174 u.	No Report	84224 u.
Japan	56 u.	16 u. [(2]	5273 u.	0.016 kg 78471 u.	0.121 kg 112542 u.	2.600 kg 156076 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Hallucinogens (excluding LSD but incl. "Ecstasy")

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Korea (Republic of)	No Report	No Report	No Report	No Report	1672 u.	39011 u. ICPO
Macau SAR, China	No Report	64 u. ICPO	No Report	2453 u. ICPO	1687 u.	672 u.
Malaysia	1397979 u.	1733335 u.	55975 u.	49901 u. ICPO	No Report	164884 u. ICPO
Philippines	No Report	No Report	No Report	1026 u.	No Report	246 u.
Singapore	No Report	2175 u.	5.170 kg 17232 u.	2.566 kg 10339 u.	0.257 kg 23846 u.	7331 u.
Thailand	13.005 kg 80047 u.	10395 u. Govt.	264.130 kg ICPO (3 30615 u.	52.601 kg ICPO 72182 u.	61922 u. F.O	145873 u. F.O
Sub-Total	18.202 kg 1617108 u.	1865905 u.	269.300 kg 162690 u.	313.983 kg 1216167 u.	0.410 kg 3071912 u.	92.553 kg 3647701 u.
Near and Middle East /South-West Asia						
Israel	No Report	5.000 kg 118501 u.	130.687 kg ICPO 30335 u.	270000 u.	1.504 kg 121695 u.	4.454 kg 951057 u.
Jordan	10178 u.	No Report	5000 u. ICPO	No Report	No Report	No Report
Syrian Arab Republic	No Report	No Report	No Report	No Report	No Report	19604 u.
Sub-Total	10178 u.	5.000 kg 118501 u.	130.687 kg 35335 u.	270000 u.	1.504 kg 121695 u.	4.454 kg 970661 u.
Total region	18.202 kg 1627286 u.	5.000 kg 1984406 u.	1498.987 kg 198025 u.	313.983 kg 1486167 u.	1.914 kg 3193607 u.	97.007 kg 4618362 u.
EUROPE						
Eastern Europe						
Belarus	No Report	No Report	No Report	No Report	No Report	1.072 kg
Bosnia Herzegovina	No Report	1041 u. ICPO	No Report	No Report	No Report	1212 u. ICPO
Bulgaria	No Report	No Report	No Report	4524 u. Govt	7.900 kg 2361 u.	1.500 kg 3135 u.
Croatia	0.004 kg	No Report	0.018 kg ICPO 15421 u.	9979 u.	12906 u.	110632 u.
Czech Republic	0.001 kg 4 u.	No Report	No Report	17502 u.	29.890 kg	1.893 kg 88391 u.
Estonia	No Report	No Report	0.000 lt. 1773 u.	0.431 kg 1351 u.	1.714 kg	3.402 kg
FYR of Macedonia	184 u. NAPOL	1574 u.	5532 u. NAPOL	280 u. NAPOL	45 u. Govt	0.002 kg 18341 u.
Hungary	No Report	11857 u.	510 u.	13616 u.	0.260 kg 18301 u.	6.132 kg 23730 u.
Latvia	0.007 kg 23 u.	No Report	0.749 kg ICPO 9625 u.	No Report	1620 u.	No Report
Lithuania	0.002 kg 1641 u.	831 u.	1122 u. ICPO	50724 u. ICPO	0.045 kg 514 u.	0.845 kg 1205 u.
Poland	No Report	1736 u.	6319 u.	129513 u.	232735 u.	3.727 kg 38179 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Hallucinogens (excluding LSD but incl. "Ecstasy")

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Romania	No Report	1093 u.	No Report	10945 u. ICPO	67210 u.	0.017 kg 19567 u.
Russian Federation	No Report	No Report	0.153 kg	No Report	0.850 kg	No Report
Serbia and Montenegro	No Report	No Report	No Report	No Report	0.079 kg 10811 u.	10000 u.
Slovakia	No Report	No Report	9 u.	493 u. ICPO	0.568 kg	435 u.
Slovenia	7440 u.	No Report	1749 u. ICPO	0.053 kg 27974 u.	1852 u.	7877 u.
Ukraine	No Report	No Report	1.349 kg ICPO 18888 u.	0.305 kg ICPO 4784 u.	47 u.	No Report
Sub-Total	0.014 kg 9292 u.	18132 u.	2.269 kg 0.000 lt. 60948 u.	0.789 kg 271685 u.	41.306 kg 348402 u.	18.590 kg 322704 u.
Western Europe						
Andorra	No Report	88 u. ICPO	0.002 kg 43 u.	0.002 kg ICPO 283 u.	105 u.	42 u. ICPO
Austria	23522 u.	114677 u.	31129 u.	162.093 kg	256299 u.	0.099 kg 383451 u.
Belgium	132.000 kg 125718 u.	33.044 kg	279.620 kg 467506 u.	68.000 kg ICPO 818515 u.	68.000 kg UNODC (4 818515 u.	1564.000 kg
Cyprus	3 u.	20 u.	0.001 kg 62 u.	0.005 kg 3317 u.	0.004 kg 2910 u.	0.273 kg 10253 u.
Denmark	0.102 kg 5802 u.	27038 u. (2	26117 u.	0.279 kg 21638 u.	150080 u.	25738 u.
Finland	0.195 kg 3147 u.	0.130 kg 2396 u.	16578 u. ICPO	87393 u.	81228 u.	45065 u.
France	1.607 kg	4.795 kg	14.000 kg 1860402 u.	13.314 kg 2283620 u.	7.584 kg 1503773 u.	2161199 u.
Germany	694281 u.	419329 u.	1470507 u. Govt	35.500 kg 1634683 u.	21.897 kg 4576504 u.	33.603 kg 3207099 u.
Greece	0.010 kg 136 u.	85 u.	3095 u.	53557 u.	58845 u.	28430 u.
Iceland	No Report	No Report	7478 u.	22057 u.	93151 u.	0.006 kg 814 u.
Ireland	9 u.	1.087 kg 616439 u.	74.609 kg 266462 u.	695133 u. ICPO	469862 u.	0.153 kg 117046 u.
Italy	0.034 kg 161044 u.	1.580 kg 15 u.	0.673 kg ICPO 272397 u.	0.492 kg 502070 u.	0.285 kg 308845 u.	0.006 kg 397566 u.
Liechtenstein	565 u.	0.500 kg	No Report	10 u.	No Report	0.001 kg
Luxembourg	367 u.	No Report	0.167 kg 357 u.	0.122 kg ICPO 318 u.	No Report	1139 u. ICPO
Malta	247 u.	153 u.	459 u.	5191 u.	2242 u.	1012 u. ICPO

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Hallucinogens (excluding LSD but incl. "Ecstasy")

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Monaco	No Report	No Report	3 u. ICPO	5 u. ICPO	No Report	55 u.
Netherlands	703.289 kg Govt 870980 u.	1163514 u. Govt	3663608 u. Govt	632.000 kg Govt 5500000 u.	113.000 kg 8684505 u.	849.000 kg 6787167 u.
Norway	13182 u.	1.081 kg 15647 u.	0.025 kg 24644 u.	0.114 kg 49390 u.	0.492 kg 61205 u.	0.916 kg 102439 u.
Portugal	No Report	10 u.	0.089 kg 31319 u.	1.089 kg 25499 u.	0.091 kg 126451 u.	2.240 kg 222479 u.
Spain	184950 u.	194527 u.	357649 u.	914974 u. ICPO	860164 u.	1396142 u.
Sweden	0.135 kg 1540 u.	0.579 kg	0.504 kg	0.591 kg ICPO 184161 u.	0.887 kg 57750 u.	96577 u.
Switzerland	86676 u.	73914 u.	67353 u.	189569 u. (5	86959 u.	88342 u.
Turkey	No Report	477250 u.	No Report	33894 u. Govt.	121508 u.	98989 u.
United Kingdom	1925500 u.	2095879 u. (6	6323500 u. NCIS	6534813 u.	3.399 kg 7662228 u.	3.399 kg (7 7662228 u.
Sub-Total	837.372 kg 4097669 u.	42.796 kg 5200981 u.	369.690 kg 14890670 u.	913.601 kg 19560090 u.	215.639 kg 25983130 u.	2453.696 kg 22833270 u.
Total region	837.386 kg 4106961 u.	42.796 kg 5219113 u.	371.959 kg 0.000 lt. 14951620 u.	914.390 kg 19831780 u.	256.945 kg 26331530 u.	2472.286 kg 23155980 u.
OCEANIA						
Oceania						
Australia	1.394 kg	7.380 kg Govt. (8	57.645 kg (9	0.773 kg	343.030 kg (10	727.171 kg
New Zealand	No Report	2665 u.	No Report	0.530 kg (11 8858 u.	0.483 kg 3.000 lt. 84744 u.	1.192 kg 256437 u.
Sub-Total	1.394 kg	7.380 kg 2665 u.	57.645 kg	1.303 kg 8858 u.	343.513 kg 3.000 lt. 84744 u.	728.363 kg 256437 u.
Total region	1.394 kg	7.380 kg 2665 u.	57.645 kg	1.303 kg 8858 u.	343.513 kg 3.000 lt. 84744 u.	728.363 kg 256437 u.
TOTAL	1560.653 kg 59.968 lt. 6133037 u.	215.172 kg 0.022 lt. 7461101 u.	2651.003 kg 0.503 lt. 20021730 u.	2268.774 kg 0.155 lt. 34248070 u.	1163.443 kg 3.000 lt. 40872410 u.	3833.247 kg 4.000 lt. 37293090 u.

1) éxtasis 2) Small quantity. 3) Ketamine 4) Due to unavailability of 2001 data, year 2000 data were used for analysis purposes. 5) Includes ecstasy 6) Including other opiates. 7) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes. 8) Provisional figures. 9) Mushrooms 10) Including LSD and excluding ecstasy 11) Psilocybine

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

LSD

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
North Africa						
Egypt	15 u.	514 u.	No Report	300 u.	No Report	No Report
Sub-Total	15 u.	514 u.		300 u.		
Southern Africa						
Namibia	No Report	No Report	No Report	127 u. ICPO	No Report	3 u.
South Africa	2730 u.	6426 u.	1549 u. ICPO	5506 u.	7841 u.	1782 u.
Zambia	0.080 kg Govt	0.000 kg Govt	0.000 kg Govt	0.000 kg Govt	0.000 kg Govt	No Report
Zimbabwe	No Report	No Report	30 u.	No Report	No Report	No Report
Sub-Total	0.080 kg 2730 u.	6426 u.	1579 u.	5633 u.	7841 u.	1785 u.
Total region	0.080 kg 2745 u.	6940 u.	1579 u.	5933 u.	7841 u.	1785 u.
AMERICAS						
Caribbean						
Bermuda	18 u.	No Report	No Report	No Report	No Report	No Report
Sub-Total	18 u.					
Central America						
Costa Rica	No Report	No Report	No Report	1045 u.	277 u.	No Report
Sub-Total				1045 u.	277 u.	
North America						
Canada	22519 u.	0.295 kg 8955 u.	0.098 kg 9852 u.	0.149 kg 5.000 lt. 1592 u.	0.401 kg 2747 u.	0.027 kg 2135 u.
Mexico	No Report	No Report	No Report	No Report	8 u.	No Report
United States	1.488 kg 0.452 lt. 79073 u.	No Report	0.330 kg 165504 u.	0.004 kg 1.296 lt. 28459 u.	97057 u.	1624 u.
Sub-Total	1.488 kg 0.452 lt. 101592 u.	0.295 kg 8955 u.	0.428 kg 175356 u.	0.153 kg 6.296 lt. 30051 u.	0.401 kg 99812 u.	0.027 kg 3759 u.
South America						
Argentina	563 u.	1435 u.	1085 u.	1093 u.	1239 u.	468 u.
Brazil	3 u.	No Report	16 u. Govt.	2368 u.	No Report	231 u. F.O
Chile	1764 u.	153 u.	11 u. CICAD	33 u.	2 u.	30 u.
Uruguay	72 u.	1 u.	4 u.	143 u.	No Report	11 u.
Venezuela	No Report	No Report	No Report	1675 u.	No Report	No Report
Sub-Total	2402 u.	1589 u.	1116 u.	5312 u.	1241 u.	740 u.
Total region	1.488 kg 0.452 lt. 104012 u.	0.295 kg 10544 u.	0.428 kg 176472 u.	0.153 kg 6.296 lt. 36408 u.	0.401 kg 101330 u.	0.027 kg 4499 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

LSD

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
Central Asia and Transcaucasian countries						
Uzbekistan	No Report	40 u.	No Report	No Report	No Report	No Report
Sub-Total		40 u.				
East and South-East Asia						
Hong Kong SAR, China	52 u.	No Report	21 u.	27877 u.	6858 u.	16 u.
Indonesia	No Report	103368 u.	53160 u.	No Report	No Report	No Report
Japan	3471 u.	4802 u.	62618 u.	65043 u.	644 u.	3973 u.
Macau SAR, China	No Report	No Report	No Report	No Report	8 u.	No Report
Singapore	No Report	No Report	No Report	No Report	807 u.	No Report
Thailand	0.031 kg	No Report	No Report	ICPO	No Report	No Report
Sub-Total	0.031 kg 3523 u.	108170 u.	115799 u.	92920 u.	8317 u.	3989 u.
Near and Middle East /South-West Asia						
Israel	0.040 lt. 7342 u.	10337 u.	7346 u. ICPO	7769 u.	0.003 kg 6266 u.	0.001 kg 2491 u.
Kuwait	13245 u.	No Report	No Report	No Report	No Report	No Report
Sub-Total	0.040 lt. 20587 u.	10337 u.	7346 u.	7769 u.	0.003 kg 6266 u.	0.001 kg 2491 u.
South Asia						
India	No Report	45 u.	20 u.	No Report	No Report	No Report
Nepal	No Report	9 u.	No Report	No Report	No Report	No Report
Sub-Total		54 u.	20 u.			
Total region	0.031 kg 0.040 lt. 24110 u.	118601 u.	123165 u.	100689 u.	0.003 kg 14583 u.	0.001 kg 6480 u.
EUROPE						
Eastern Europe						
Croatia	114 u.	86 u.	247 u.	231 u.	154 u.	192 u.
Czech Republic	No Report	No Report	19 u.	1001 u.	5 u.	107 u.
Estonia	No Report	No Report	6 u.	0.022 kg 3 u.	0.002 kg	0.020 kg
Hungary	1450 u. Govt.	3351 u.	1928 u.	1242 u.	973 u.	969 u.
Latvia	205 u.	38 u.	27 u.	14 u.	16 u.	No Report
Lithuania	2 u.	342 u.	164 u.	26 u.	275 u.	No Report
Poland	542 u.	14902 u.	14099 u.	3659 u.	672 u.	797 u.
Romania	No Report	No Report	1 u.	1 u. ICPO	No Report	22004 u.
Russian Federation	No Report	No Report	No Report	0.380 kg ICPO	1.676 kg	2.813 kg ICPO
Serbia and Montenegro	No Report	No Report	No Report	No Report	5 u.	No Report
Slovakia	2 u.	63 u.	72 u.	110 u.	60 u.	8 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

LSD

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Eastern Europe						
Slovenia	156 u.	53 u.	512 u.	59 u.	No Report	No Report
Ukraine	14 u.	500 u.	36 u. [ICPO]	No Report	No Report	477 u. [ICPO]
Sub-Total	2485 u.	19335 u.	17111 u.	0.402 kg 6346 u.	1.678 kg 2160 u.	2.833 kg 24554 u.
Western Europe						
Andorra	No Report	28 u. [ICPO]	No Report	47 u. [ICPO]	9 u.	2 u.
Austria	5243 u.	2494 u.	2811 u.	0.865 kg	572 u.	851 u.
Belgium	621 u.	2050 u.	1047 u.	1090 u. [ICPO]	No Report	
Cyprus	No Report	No Report	2 u.	11 u.	No Report	No Report
Denmark	381 u.	108 u.	83 u.	1109 u.	156 u.	38 u.
Finland	323 u.	301 u.	50 u.	2355 u.	1026 u.	4679 u.
France	5983 u.	18680 u.	9991 u.	20691 u.	6718 u.	No Report
Germany	78430 u.	32250 u.	22965 u.	43924 u.	11441 u.	30144 u.
Greece	166 u.	44 u.	212 u. [ICPO]	112 u.	577 u.	884 u.
Iceland	No Report	No Report	339 u.	15 u.	No Report	No Report
Ireland	1851 u.	792 u.	648 u.	No Report	325 u.	No Report
Italy	8140 u.	0.003 kg 9752 u.	5509 u. [ICPO]	1980 u.	1139 u.	3064 u.
Liechtenstein	No Report	No Report	No Report	No Report	1 u.	No Report
Luxembourg	4 u.	0.303 kg	1 u.	21 u. [ICPO]	No Report	0.002 kg [ICPO]
Malta	19 u.	123 u.	54 u.	462 u.	No Report	No Report
Monaco	No Report	10 u.	No Report	No Report	No Report	No Report
Netherlands	27634 u. [Govt]	37790 u. [Govt]	2667 u. [Govt]	9972 u. [Govt]	28731 u.	355 u.
Norway	6888 u.	2833 u.	483 u.	893 u.	417 u.	172 u.
Portugal	84 u.	261 u.	1845 u.	6106 u.	3588 u.	9785 u.
Spain	25368 u.	9068 u.	3353 u.	7542 u.	26535 u.	893 u.
Sweden	1541 u.	0.002 kg 2704 u.	1508 u.	0.000 kg [1] 278 u.	635 u.	305 u.
Switzerland	9424 u.	2995 u.	3130 u.	15525 u.	8707 u.	1552 u.
Turkey	No Report	No Report	61 u.	No Report	105 u.	No Report
United Kingdom	164100 u.	40070 u.	67400 u. [NCIS]	25392 u.	9439 u.	9439 u. [2]
Sub-Total	336200 u.	0.308 kg 162353 u.	124159 u.	0.865 kg 137525 u.	100121 u.	0.002 kg 62163 u.
Total region	338685 u.	0.308 kg 181688 u.	141270 u.	1.267 kg 143871 u.	1.678 kg 102281 u.	2.835 kg 86717 u.
OCEANIA						
Oceania						
Australia		No Report	0.108 kg	0.007 kg	No Report	No Report

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

LSD

Region/country or territory	1997	1998	1999	2000	2001	2002
OCEANIA						
Oceania						
New Zealand	No Report	37554 u.	17437 u.	17522 u.	1057 u.	0.013 kg 431 u.
Sub-Total		37554 u.	0.108 kg 17437 u.	0.007 kg 17522 u.	1057 u.	0.013 kg 431 u.
Total region		37554 u.	0.108 kg 17437 u.	0.007 kg 17522 u.	1057 u.	0.013 kg 431 u.
TOTAL	1.599 kg 0.492 lt. 469552 u.	0.603 kg 355327 u.	0.536 kg 459923 u.	1.427 kg 6.296 lt. 304423 u.	2.082 kg 227092 u.	2.876 kg 99912 u.

1) 2 micrograms 2) Due to unavailability of 2002 data, year 2001 data were used for analysis purposes.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Methaqualone

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	5000 u.	No Report	No Report	No Report	52693 u. Govt	No Report
United Republic of Tanzania	57 u.	4 u.	7 u.	295.000 kg ICPO	2.107 kg Govt	1.500 kg ICPO
Sub-Total	5057 u.	4 u.	7 u.	295.000 kg	2.107 kg 52693 u.	1.500 kg
Southern Africa						
Angola	No Report	1.050 kg ICPO	No Report	No Report	No Report	No Report
Lesotho	No Report	No Report	No Report	No Report	No Report	0.652 kg ICPO
Malawi	185.652 kg 200307 u.	1007 u. Govt.	1800 u.	No Report	No Report	1 u.
Mozambique	No Report	No Report	No Report	2200 u. ICPO	No Report	No Report
Namibia	No Report	6318 u.	2611 u.	10430 u. ICPO	16675 u.	9801 u.
South Africa	50.561 kg 1629531 u.	160.000 kg 1307109 u.	2498806 u. ICPO	114.507 kg 2669813 u.	7297.837 kg 4202835 u.	254.080 kg 2930316 u.
Swaziland	15245 u. ICPO	12015 u.	1621 u.	6 u. ICPO	258 u.	4909 u.
Zambia	0.004 kg Govt	0.125 kg Govt	2368 u.	0.125 kg 724 u.	0.020 kg Govt	0.039 kg
Zimbabwe	No Report	4.300 kg 4431 u.	1701 u.	1500 u.	No Report	No Report
Sub-Total	236.217 kg 1845083 u.	165.475 kg 1330880 u.	2508907 u.	114.632 kg 2684673 u.	7297.857 kg 4219768 u.	254.770 kg 2945027 u.
Total region	236.217 kg 1850140 u.	165.475 kg 1330884 u.	2508914 u.	409.632 kg 2684673 u.	7299.964 kg 4272461 u.	256.271 kg 2945027 u.
AMERICAS						
North America						
Canada		0.007 kg	56.000 kg 123 u.	0.139 kg 46 u.	0.002 kg	No Report
United States	1330 u.	No Report	32030 u.	0.002 kg 76 u.	107 u.	40731 u.
Sub-Total	1330 u.	0.007 kg	56.000 kg 32153 u.	0.141 kg 122 u.	0.002 kg 107 u.	40731 u.
South America						
Chile	No Report	1390 u.	No Report	No Report	No Report	No Report
Sub-Total		1390 u.				
Total region	1330 u.	0.007 kg 1390 u.	56.000 kg 32153 u.	0.141 kg 122 u.	0.002 kg 107 u.	40731 u.
ASIA						
East and South-East Asia						
China	No Report	No Report	No Report	No Report	No Report	2955.000 kg

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Methaqualone

Region/country or territory	1997	1998	1999	2000	2001	2002
ASIA						
East and South-East Asia						
Hong Kong SAR, China	4 u.	No Report	187 u. [ICPO]	25.000 kg	0.001 kg 1 u.	0.002 kg 4 u.
Indonesia	No Report	No Report	2018 u.	No Report	No Report	No Report
Sub-Total	4 u.		2205 u.	25.000 kg	0.001 kg 1 u.	2955.002 kg 4 u.
Near and Middle East /South-West Asia						
United Arab Emirates	6000.815 kg	No Report	No Report	No Report	No Report	No Report
Sub-Total	6000.815 kg					
South Asia						
India	1740.000 kg	2257.000 kg	474.000 kg	1095.000 kg	2024.000 kg	7458.000 kg [Govt]
Sub-Total	1740.000 kg	2257.000 kg	474.000 kg	1095.000 kg	2024.000 kg	7458.000 kg
Total region	7740.815 kg 4 u.	2257.000 kg	474.000 kg 2205 u.	1120.000 kg	2024.001 kg 1 u.	10413.000 kg 4 u.
EUROPE						
Eastern Europe						
FYR of Macedonia	No Report	No Report	No Report	No Report	No Report	3 u.
Romania	No Report	1924 u.	8487 u. [ICPO]	3981 u. [ICPO]	3 u.	No Report
Sub-Total		1924 u.	8487 u.	3981 u.	3 u.	3 u.
Western Europe						
Belgium	No Report	11.000 kg 52 u.	No Report	No Report	No Report	No Report
Greece	41 u.	No Report	No Report	No Report	No Report	No Report
Switzerland	No Report	4620 u.	No Report	No Report	No Report	No Report
United Kingdom			No Report	No Report	No Report	No Report
Sub-Total	41 u.	11.000 kg 4672 u.				
Total region	41 u.	11.000 kg 6596 u.	8487 u.	3981 u.	3 u.	3 u.
TOTAL	7977.032 kg 1851515 u.	2433.482 kg 1338870 u.	530.000 kg 2551759 u.	1529.773 kg 2688776 u.	9323.966 kg 4272572 u.	10669.270 kg 2985765 u.

Source: Annual Report Questionnaire if not otherwise indicated

SEIZURES, 1997 - 2002

Psychotropic substances

Region/country or territory	1997	1998	1999	2000	2001	2002
AFRICA						
East Africa						
Kenya	No Report	9060 u. Govt	No Report	272 u. Govt	No Report	No Report
Mauritius	No Report	No Report	No Report	No Report	897 u.	No Report
Sub-Total		9060 u.		272 u.	897 u.	
North Africa						
Libyan Arab Jam.	33770 u. F.O	No Report	127512 u. F.O	245455 u. F.O	87047 u. F.O	No Report
Morocco	No Report	No Report	No Report	No Report	135769 u.	No Report
Sub-Total	33770 u.		127512 u.	245455 u.	222816 u.	
West and Central Africa						
Mauritania	147 u. Govt	135 u. Govt	No Report	No Report	No Report	No Report
Sub-Total	147 u.	135 u.				
Total region	33917 u.	9195 u.	127512 u.	245727 u.	223713 u.	
AMERICAS						
Caribbean						
Dominican Republic	No Report	No Report	No Report	No Report	No Report	99 u. HONLC
Sub-Total						99 u.
North America						
Mexico	No Report	1484078 u.	1490152 u.	3418369 u.	8313151 u. Govt	No Report
Sub-Total		1484078 u.	1490152 u.	3418369 u.	8313151 u.	
South America						
Brazil	No Report	No Report	No Report	4862 u. Govt	No Report	39398 u. F.O
Sub-Total				4862 u.		39398 u.
Total region		1484078 u.	1490152 u.	3423231 u.	8313151 u.	39497 u.
ASIA						
Central Asia and Transcaucasian countries						
Uzbekistan	No Report	No Report	0.639 kg	No Report	No Report	No Report
Sub-Total			0.639 kg			
Near and Middle East /South-West Asia						
United Arab Emirates	No Report	No Report	14460 u.	23246 u.	No Report	No Report
Sub-Total			14460 u.	23246 u.		
Total region			0.639 kg 14460 u.	23246 u.		
EUROPE						
Eastern Europe						
Russian Federation	No Report	673.400 kg F.O	905.500 kg F.O	835.000 kg F.O	No Report	No Report
Sub-Total		673.400 kg	905.500 kg	835.000 kg		

Source: Annual Report Questionnaire if not otherwise indicated

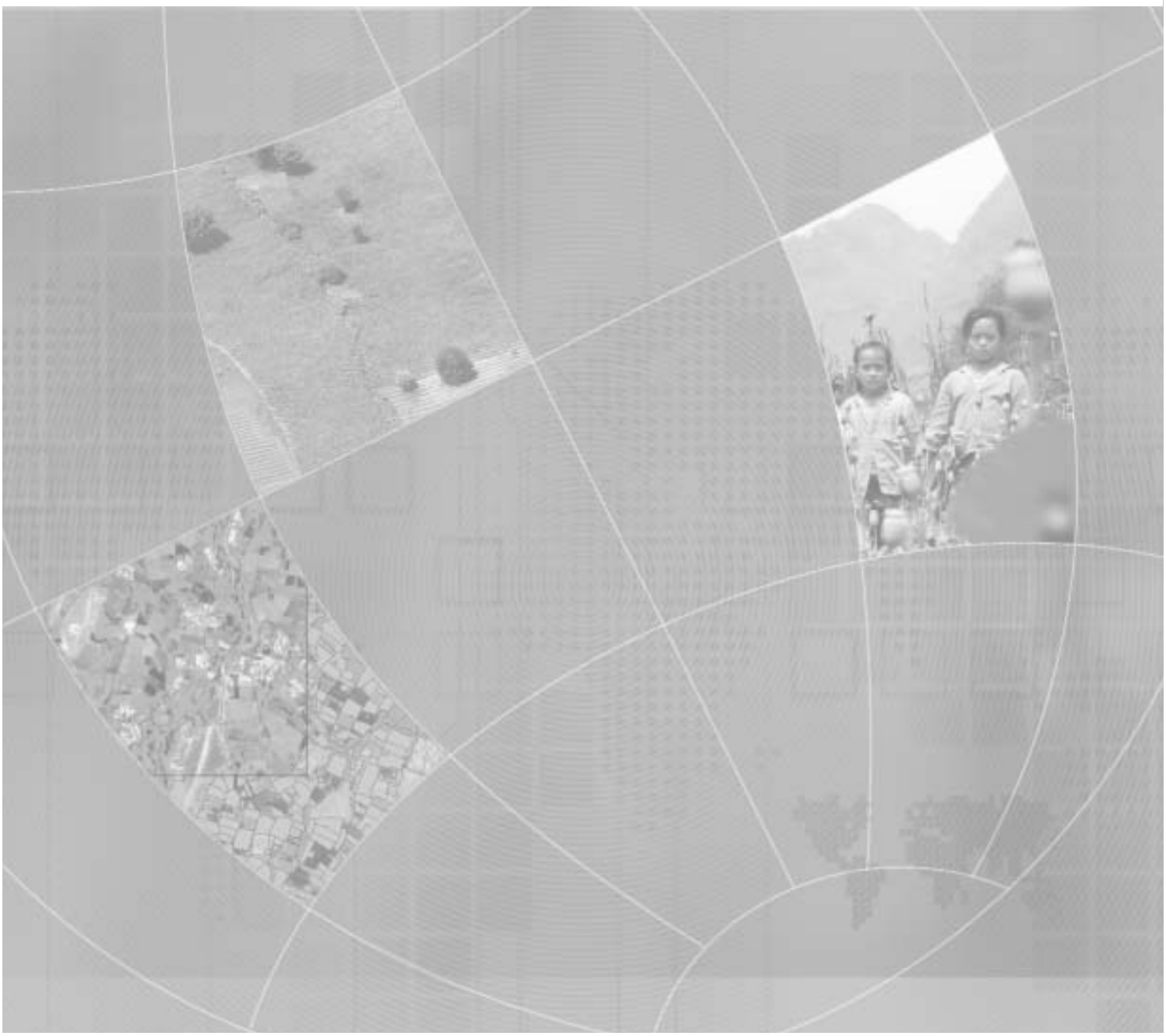
SEIZURES, 1997 - 2002

Psychotropic substances

Region/country or territory	1997	1998	1999	2000	2001	2002
EUROPE						
Western Europe						
Spain	No Report	No Report	No Report	No Report	No Report	118452 u.
Sub-Total						118452 u.
Total region		673.400 kg	905.500 kg	835.000 kg		118452 u.
TOTAL	33917 u.	673.400 kg 1493273 u.	906.139 kg 1632124 u.	835.000 kg 3692204 u.	8536864 u.	157949 u.

Source: Annual Report Questionnaire if not otherwise indicated

5. PRICES



5.1. Opiates: Wholesale and Street Prices and Purity Levels

Prices in Europe and in USA, 1990-2003

Retail prices (street price), US$/gram

EUROPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Austria	270	*250*	203	132	138	103	87	70	94	57	75	44	92	68
Belgium	*90*	105	105	77	75	75	56	37	41	41	37	27	29	31
Denmark	287	265	151	139	228	191	157	188	147	175	116	111	126	118
Finland	*800*	696	770	724	606	455	414	257	254	250	207	121	188	*197*
France	*145*	153	150	135	144	170	156	113	119	111	*32*	34	47	57
Germany	105	75	96	74	91	90	74	51	43	45	39	38	38	46
Greece	120	175	63	44	105	88	77	80	55	55	55	53	45	26
Italy	167	148	140	29	55	41	115	98	120	95	71	68	59	70
Luxembourg	*172*	*150*	*150*	*150*	172	202	138	141	133	126	69	67	*67*	45
Netherlands	49	*50*	55	49	*55*	61	48	55	34	30	25	43	35	41
Norway	1,680	525	510	275	349	300	282	198	186	166	128	157	165	147
Iceland	*184*	*376*	*374*	*407*	380	410	377	372	*372*	*372*	*372*	*372*	*372*	*372*
Portugal	83	82	72	63	65	79	68	55	74	37	45	45	41	47
Spain	*175*	*185*	*180*	*126*	132	120	112	88	82	75	59	57	61	75
Sweden	*225*	*210*	*195*	*180*	*165*	337	346	135	130	126	113	136	128	120
Switzerland	312	221	248	126	164	190	116	81	96	167	53	45	39	*45*
United Kingdom	157	144	*144*	134	129	125	108	118	120	108	107	86	91	97
Ireland	*196*	*180*	*180*	*168*	*161*	179	275	228	213	204	176	170	179	216
Average unweighted	290	222	210	168	179	179	167	131	128	124	99	93	100	101
inflation adjustment	**408**	**300**	**276**	**215**	**222**	**216**	**196**	**151**	**145**	**137**	**106**	**97**	**102**	**100**
Weighted average	173	149	147	107	118	119	118	93	94	87	64	59	62	69
Adjusted for inflation	**244**	**202**	**192**	**136**	**147**	**144**	**138**	**107**	**106**	**96**	**68**	**61**	**64**	**69**

Sources: ARQ or EUROPOL, except 2003 EUROPOL, and in italic UNODC

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
USA	281	279	268	268	204	196	170	151	162	137	126	110	88	*130*
Adjusted for inflation	**396**	**377**	**351**	**341**	**253**	**236**	**200**	**173**	**183**	**151**	**135**	**114**	**90**	***130***

Sources: ONDCP 1990-2000 data, ARQ 2001 - 2002 data. UNODC 2003 estimates based on STRIDE graph

Wholesale, US$/kg

EUROPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Austria	*55,244*	*46,145*	63,000	36,000	37,752	30,491	30,222	28,831	34,565	31,087	25,026	19,553	23,547	33,962
Belgium	*30,000*	30,000	28,500	26,600	29,586	32,580	24,307	21,761	20,847	18,557	18,360	20,292	22,229	16,981
Denmark	*110,000*	*100,000*	85,000	95,000	117,625	106,805	86,806	100,465	65,693	61,507	23,585	32,889	20,803	24,738
Finland	*353,774*	*353,774*	*353,774*	*353,774*	*353,774*	353,774	*321,586*	*199,442*	*197,856*	*194,357*	*161,034*	*44,840*	51,804	*51,804*
France	180,000	72,250	80,000	63,750	*75,000*	66,035	46,603	32,230	25,885	25,596	22,158	26,906	23,547	28,302
Germany	45,244	36,145	41,667	35,206	36,448	35,256	27,890	25,686	25,608	24,770	20,263	17,816	20,325	21,838
Greece	90,000	70,000	35,000	28,000	29,536	34,362	39,090	28,775	21,020	20,714	17,320	16,592	17,425	15,283
Italy	67,500	60,000	108,000	42,581	47,690	35,786	48,152	37,795	36,459	36,894	31,163	32,979	33,669	32,150
Luxembourg	*86,000*	*75,000*	*75,000*	49,500	*86,000*	57,079	59,852	54,786	52,630	50,368	*48,000*	50,369	*50,369*	*24,700*
Netherlands	23,850	*25,000*	26,550	23,850	*23,850*	24,384	20,572	13,810	14,056	16,985	14,703	15,757	29,199	17,759
Norway	*220,000*	*200,000*	212,500	151,099	101,744	*85,000*	72,520	62,209	64,918	49,872	44,561	35,874	37,676	48,296
Portugal	50,000	55,000	46,667	31,500	32,428	43,171	45,902	38,841	30,483	29,339	25,398	31,310	25,839	31,057
Spain	160,000	*125,000*	*122,500*	*91,000*	74,418	79,880	84,395	63,880	52,755	53,820	43,596	32,000	41,202	48,504
Sweden	*140,000*	*130,000*	*115,000*	*95,000*	*117,625*	62,655	64,829	65,771	63,191	61,025	41,620	47,083	48,536	56,989
Switzerland	124,000	153,800	228,875	47,460	52,823	54,850	41,665	37,234	34,294	33,422	29,568	16,082	19,149	*19,149*
United Kingdom	53,940	43,940	*43,500*	43,210	*42,500*	42,004	34,846	39,491	41,667	29,126	26,718	25,926	30,620	34,003
Ireland	*63,940*	*53,940*	*53,500*	*53,210*	*52,500*	81,479	77,643	36,531	34,396	43,478	37,600	36,441	36,441	*36,441*
Average unweighted	109,029	95,882	101,120	74,514	77,135	72,094	66,287	52,208	48,019	45,936	37,098	29,571	31,316	31,880
inflation adjusted	**153,604**	**129,638**	**132,646**	**94,917**	**95,755**	**87,046**	**77,753**	**59,850**	**54,174**	**50,733**	**39,631**	**30,720**	**32,037**	**31,880**
Weighted average	93,610	68,153	77,357	54,889	56,346	52,544	47,963	39,449	36,497	34,252	28,484	26,092	28,488	30,607
inflation adjusted (kg)	**131,882**	**92,146**	**101,474**	**69,918**	**69,948**	**63,442**	**56,260**	**45,223**	**41,175**	**37,829**	**30,428**	**27,106**	**29,143**	**30,607**
Inflation adjusted (gram)	**132**	**92**	**101**	**70**	**70**	**63**	**56**	**45**	**41**	**38**	**30**	**27**	**29**	**31**

Sources: ARQ, expect 2003 EUROPOL and in italic UNODC

Note: Calculation as of 1995 is based on brown heroin price x by 80% plus white heroin x by 20%

USA	1,990	1,991	1,992	1,993	1,994	1,995	1,996	1,997	1,998	1,999	2,000	2,001	2,002	2,003
Average	162,500	155,000	150,000	146,000	142,500	146,000	141,875	129,375	125,000	107,000	81,200	59,500	50,750	*80,000*
Inflation adjusted (kg)	**228,937**	**209,568**	**196,765**	**185,977**	**176,899**	**176,281**	**166,416**	**148,313**	**141,021**	**118,174**	**86,743**	**61,811**	**51,917**	***80,000***
Inflation adjusted (gram)	**229**	**210**	**197**	**186**	**177**	**176**	**166**	**148**	**141**	**118**	**87**	**62**	**52**	**80**

Sources: ARQ 1990-2002. UNODC 2003 estimate based on STRIDE graph for retail prices.

OPIUM

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
North Africa								
Egypt	1.6		-	2001	6,730.0	5,860.0 - 7,600.0	-	2002
East Africa								
Uganda	23.5	17.0 - 30.0	-	1996				
Southern Africa								
Zambia	10.7		-	1999				
Americas								
Central America								
Guatemala					1,888.7		-	1996
North America								
Canada	31.9	31.9 - 114.8	-	2002	14,030.0	14,030.0 - 22,320.0	-	2002
United States	55.0	30.0 - 80.0	-	2002	25,000.0	20,000.0 - 30,000.0	-	2002
South America								
Colombia	0.3		-	2001	190.0		-	2002
Peru					3,500.0	3,000.0 - 4,000.0	80.0	2001
Asia								
Central Asia and Transcaucasia								
Armenia	10.0		-	2000	1,000.0		-	1999
Azerbaijan	2.0	1.8 - 2.2	-	2002	1,800.0	1,700.0 - 2,000.0	-	2002
Kazakhstan					1,170.0		-	2002
Kyrgyzstan	4.0	3.0 - 5.0	14.0 - 22.0	2002	800.0	600.0 - 1,000.0	14.0 - 22.0	2002
Tajikistan	3.0	2.0 - 4.0	-	2002	480.0	100.0 - 850.0	-	2002
Turkmenistan	1.7	0.7 - 2.7	-	2001	3,720.0		-	2002
Uzbekistan	1.8	1.0 - 2.5	-	2001	3,410.0		-	2002
East and South-East Asia								
China					1,250.0	870.0 - 2,500.0	-	2002
Japan	32.0		-	2002				
Malaysia					513.3		-	1998
Myanmar	0.5	0.4 - 0.7	-	2002	241.3		-	1999
Republic of Korea	90.8		-	2001	78,980.0		-	2001
Singapore	7.8	5.6 - 10.0	-	2002	4,460.0		-	2002
Viet Nam					953.3	400.0 - 1,506.7	-	2001
Near and Middle East /South-West Asia								
Afghanistan	0.5	0.4 - 0.5	80.0 - 95.0	2002	460.0	430.0 - 490.0	88.0	2002
Bahrain	2.3		-	1996				
Iran (Islamic Republic of)	2.7	2.4 - 2.9	-	2000	1,300.0		-	2002
Jordan	9.9	8.5 - 11.3	-	2002	11,300.0	9,890.0 - 12,710.0	-	2002
Lebanon					10.000.0	15,000.0 - 20,000.0	-	2002
Oman	2.0		-	2002				
Pakistan	1.3	1.2 - 1.4	-	2002	440.0	460.0 - 590.0	-	2002
Qatar	4.0		-	2002	3,300.0	3,200.0 - 4,190.0	-	2002
Saudi Arabia					133,300.0	14,700.0 - 152,000.(	5.0 - 50.0	2001
Syrian Arab Republic	6.0	4.5 - 7.5	30.0 - 70.0	2002	4,000.0	3,000.0 - 5,000.0	30.0 - 70.0	2002
South Asia								
Bangladesh	0.8	0.7 - 1.0	2.0 - 7.0	2002	500.0	400.0 - 700.0	3.0 - 6.0	2002
India	0.3	0.3 - 0.4	-	1999	160.0	40.0 - 310.0	-	2002
Sri Lanka	6.6	4.8 - 8.5	-	2002				

OPIUM

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Europe								
Eastern Europe								
Estonia	45.6		-	2001				
Republic of Moldova	0.8		80.0	2001	800.0		90.0	2001
Romania	3.0	2.0 - 4.0	-	2001	3,000.0	2,000.0 - 4,000.0	-	2001
Russian Federation	40.0		-	1999	3,350.0	2,700.0 - 4,000.0	-	2001
The former Yug.Rep of Macedonia					570.0	470.0 - 660.0		2002
Ukraine	1.0	0.8 - 1.2	-	2002	500.0	400.0 - 600.0	-	2002
Western Europe								
Cyprus	43.0		-	1996	12,903.0		-	1996
France	13.5		-	2001				
Greece	7.3		70.0 - 80.0	1997	5,474.0		80.0 - 90.0	1997
Norway	28.6		-	2002	10,360.0	8,480.0 - 12,240.0	-	2002
Sweden	37.2	24.8 - 49.6	-	2001	5,500.0	5,000.0 - 5,900.0	-	2001
Turkey	18.6	17.5 - 19.7		1999	1,880.0	1,410.0 - 2,350.0	-	2002
United Kingdom	14.9	12.0 - 14.9	-	2002				

HEROIN

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
East Africa								
Kenya (Heroin no.3)	10.2	10.2 - 12.7	-	2002	13,000.0		-	1999
(Heroin no.4)	12.7	12.7 - 19.1		2002				
Mauritius	337.8		2.0 - 5.0	2002	16,890.0		-	2002
					20,000.0		-	2002
Uganda (Heroin no.3)	9.0	8.0 - 10.0	15.0 - 25.0	2001	15,000.0	10,000.0 - 20,000.0	25.0 - 40.0	2001
(Heroin no.4)	15.0	10.0 - 20.0	40.0 - 60.0	2001	30,000.0	20,000.0 - 40,000.0	60.0 - 95.0	2001
United Republic of Tanzania	25.0		-	1999	18,800.0		-	1999
North Africa								
Algeria					189,193.9		-	1999
Egypt	108.5	86.8 - 130.3	-	2002	23,880.0	17,370.0 - 30,390.0	-	2002
Southern Africa								
Namibia (Heroin no.3 & 4)	32.9	32.9 - 42.3	-	2002	4,758.9	4,441.6 - 5,076.1	-	2001
South Africa	23.5	19.3 - 26.3	-	2002	14,110.0	16,931.0 - 20,698.0	-	2002
Swaziland	75.0		-	1998	50,000.0		-	1998
Zambia	31.8		-	2002				
Zimbabwe	71.4	57.1 - 85.7	-	2002	320.0	270.0 - 360.0	-	2001
West and Central Africa								
Congo					10,700.0	7,140.0 - 14,270.0	-	2002
Benin	20.2		-	1998	18,500.0		-	1998
Côte d'Ivoire (Heroin no.4)	3.6	1.4 - 7.1	-	2002	9,280.0	19.0 - 18,553.0	-	2002
Ghana (Heroin no.3 & No.4)	1.8	1.7 - 1.9	-	2002	18,250.0	17,000.0 - 19,500.0	-	2002
Nigeria (Heroin no.3)	21.0	16.8 - 21.0	-	2002	21,040.0	16,834.0 - 21,043.0	-	2002
Americas								
Central America								
Costa Rica					88,401.5	65,137.9 - 111,665.0	60.0	2001
El Salvador	75.0	69.9 - 80.0	60.0 - 100.0	2001	75,000.0	70,000.0 - 80.000.0	-	2002
Guatemala	63.6	50.9 - 76.3	75.0 - 90.0	2002	50,870.0	47,690.0 - 57,230.0	80.0 - 93.0	2002
Nicaragua	75.0		90.0	2002	75,000.0		90.0	2002
Panama (Heroin no.3)	12.5	10.0 - 15.0	80.0 - 90.0	2001	12,500.0	10,000.0 - 15,000.0	80.0 - 90.0	2001
(Heroin no.4)	12.5	10.0 - 15.0	80.0 - 90.0	2001	12,500.0	10,000.0 - 15,000.0	80.0 - 90.0	2001
North America								
Canada	191.3	114.8 - 478.3	60.0 - 90.0	2002	51,020.0	51,020 - 89,290.0	50.0 - 90.0	2002
Mexico					32,850.0		-	2002
United States (Heroin no.3)	70.0	60.0 - 80.0	40.0 - 75.0	2002	21,500.0	18,000.0 - 25,000.0	36.0	2002
(Heroin no.4)	95.0	90.0 - 100.0	20.0 - 25.0	2002	80,000.0	60,000.0 - 100,000.0	72.0 - 79.0	2002
(black tar heroin)	211.5	80.0 - 600.0		2000	70,500.0	24,000.0 - 175,000.0		2000
South America								
Argentina					5,330.0	5,150.0 - 5,500.0	-	2002
Colombia	20.0	10.0 - 30.0	-	2002	8,520.0		-	2002
Ecuador					5,000.0		96.0	1999
Uruguay					115,000.0	100,000.0 - 130,000.0	-	2002
Venezuela (Heroin no.4)	9.2	8.4 - 10.1	10.0 - 20.0	2002	11,320.0	10,060 - 12,580.0	85.0 - 90.0	2002
Caribbean								
Bermuda	20.0		-	2002				
Dominican Republic	30.0		-	2001	30,000.0		-	2001
Saint Lucia	30.0		-	2000	25,000.0		-	2000

HEROIN

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Asia								
Central Asia and Transcaucasia								
Armenia	135.0	120.0 - 150.0	-	2000				
Azerbaijan	75.0	50.0 - 100.0	-	1999	36,000.0	35,000.0 - 37,000.0	-	2001
Kazakhstan					14,500.0		-	2002
Kyrgyzstan					6,830.0		-	2002
(Heroin no.4)	21.0	20.0 - 22.0	40.0 - 60.0	2002	8,000.0	6,000.0 - 10,000.0	50.0 - 90.0	2002
Tajikistan					6,830.0		-	2002
(Heroin no.4)	6.0	4.0 - 8.0	10.0	2002	4,750.0	1,500.0 - 8,000.0	10.0 - 80.0	2002
Turkmenistan	13.3	9.0 - 17.6	-	2001	35,670.0		-	2002
Uzbekistan	25.0	15.0 - 35.0	-	2002	22,070.0		-	2002
East and South-East Asia								
Brunei Darussalam (Heroin no.4	112.0		-	2001	239,521.0		-	1998
China	50.0	13.0 - 185.0	-	2002	25,000.0	10,000.0 - 50,000.0	-	2002
Hong Kong SAR, China (Heroin	53.2	41.3 - 67.4	22.0 - 57.0	2002	28,570.0	22,910.0 - 33,000.0	-	2002
Indonesia	38.6	33.1 - 44.1	-	2002	22,070.0	27,590.0 - 33,100.0	-	2002
Japan	159.8		-	2002	21,570.0		-	2002
Macau	50.0	37.0 - 62.0	-	2002				
Malaysia	355.7	81.3 - 609.8	32.5	1997	1,340.0		-	1998
Myanmar (Heroin no.4)	9.3	4.6 - 11.1	-	2002	3,619.9		-	1999
Philippines	109.4	90.1 - 128.7	90	1999				
Republic of Korea	142.2	94.8 - 189.6	-	2001	27,640.0		-	2001
Singapore (Heroin no.3)	62.7	55.7 - 69.7	-	2002	3,230.0	2,560.0 - 3,900.0	-	2002
Thailand	47.0	14.7 - 79.4	-	2001	8,507.5	7,292.2 - 9,722.9	70.0 - 90.0	1998
Vietnam	45.1	20.6 - 68.5	-	2002	20,750.0	16,000.0 - 25,700.0	-	2002
Near and Middle East/ South- West Asia								
Afghanistan	2.7	2.0 - 3.4	85.0 - 95.0	2002	2,700.0	2,060.0 - 3,400.0	80.0 - 95.0	2002
Iran (Islamic Republic of)	1.1	0.8 - 1.5	4.0 - 20.0	2001	3,410.0			2002
Israel	27.9	22.3 - 33.4	-	2002	17,780.0	13,330.0 - 22,220.0	-	2002
Jordan	49.4	42.4 - 56.5	-	2002	19,774.0	18,361.6 - 21,186.4	-	2002
Kuwait					98,684.2		-	1998
Lebanon (Heroin no.3)	35.0	30.0 - 40.0	40.0 - 60.0	2002	20,000.0	15,000.0 - 25,000.0	30.0 - 50.0	2002
(Heroin no.4)	40.0	35.0 - 45.0	-	2002	40,000.0	35,000.0 - 45,000.0	70.0 - 80.0	2002
Oman	116.6		-	2002	123,697.9	117,187.5 - 130,208.3	-	2001
Pakistan					4,510.0	4,060.0 - 4,740.0	-	2002
(Heroin no.3)	1.0	1.0 - 1.4	-	2002	1,009.2	934.1 - 1,084.2	-	2001
(Heroin no.4)	1.9	1.5 - 2.0	-	2002	4,295.1	3,919.8 - 4,670.4	-	2001
Qatar	137.0	137.0 - 164.0	-	2002	68,682.5	54,945.0 - 82,420.0	-	1996
Saudi Arabia	240.0	213.3 - 266.7	-	2001	266,666.0		25.0	1998
Syrian Arab Republic	20.0	17.0 - 23.0	15.0 - 35.0	2002	17,000.0	15,000.0 - 19,000.0	25.0 - 50.0	2002
South Asia								
Bangladesh (Heroin no.3)	5.0	4.0 - 6.0	2.0 - 4.0	2002	5,000.0	4,000.0 - 6,000.0	2.0 - 6.0	2002
(Heroin no.4)	6.0	5.0 - 8.0	3.0 - 7.0	2002	7,000.0	6,000.0 - 8,000.0	2.0 - 7.0	2002
India	5.0	2.7 - 7.3	-	2000	5,389.5	2,155.8 - 8,623.1	-	2001
Maldives					85,324.2		-	1999
Nepal	20.6	14.3 - 26.9	-	1996	20,000.0	15,000.0 - 25,000.0	-	1998
Sri Lanka	24.8	11.6 - 38.0	-	2002	12,883.6	11,452.1 - 14,315.2	-	1999

HEROIN

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Europe								
Eastern Europe								
Albania	2.9	2.2 - 3.6	-	2002	14,500.0	12,000.0 - 17,000.0	-	2002
Belarus (Heroin no.2)	35.0	30.0 - 40.0	-	2002	20,000.0	15,000.0 - 30,000.0	-	2002
Bulgaria	2.9	2.4 - 3.4	8.0	2002	6,211.8	5,521.6 - 6,902.0	55.0 - 72.0	2001
Croatia	31.9	25.5 - 57.3	10.0 - 20.0	2002	25,480.0	12,740.0 - 38,220.0	60.0 - 80.0	2002
Czech Republic	42.4	21.7 - 63.1	5.0 - 41.0	2002	25,100.0	12,530.0 - 37,680.0	20.0 - 41.0	2002
Estonia (Heroin no.4)	45.3	36.3 - 54.4	10.0	2002	41,880.0	29,920.0 - 53.580.0	30.0	2002
Hungary	27.3	22.6 - 30.1	15.0 - 55.0	2002	12,240.0	11,300.0 - 13,190.0	10.0 - 55.0	2002
Latvia (Heroin no.4)	56.2	32.1 - 80.3	-	2001	5,624.4	3,214.0 - 8,034.9	-	2001
Lithuania	51.3	21.6 - 81.1	5.0 - 20.0	2002	25,670.0	13,510.0 - 37,830.0	30.0 - 60.0	2002
Poland	55.4	50.3 - 75.5	20.0 - 30.0	2002	27,670.0	25,160.0 - 30,190.0	-	2002
Republic of Moldova	63.0	50.4 - 75.6	-	2001	27,727.8	25,207.1 - 30,248.5	-	2001
(Heroin no.3)	30.0		-	2001				
Romania					30,000.0		80.0	2001
Russian Federation	31.1	29.2 - 33.0	-	2002	15,540.0	14,130.0 - 16,950.0	-	2002
Serbia and Montenegro	27.5	25.0 - 30.0	6.0 - 12.0	2001	22,500.0	20,000.0 - 25,000.0	-	2001
Slovakia	23.6	18.8 - 28.3	-	2002	15,070.0	14,130.0 - 16,480.0	-	2002
Slovenia	22.1	17.7 - 26.6	-	2002	11,070.0		-	2002
The form.Yug.Rep of Macedoni	37.2	33.0 - 41.4	-	2002	16,480.0	14,130.0 - 18,840.0	-	2002
Ukraine	16.5	14.1 - 18.8	-	2002	10,130.0	9,420.0 - 10,830.0	-	2002
	60.0	50.0 - 65.0	-	2002	48,000.0	45,000.0 - 50,000.0	-	2002
Western Europe								
Andorra	128.5		-	1999				
Austria (Heroin no.3)	91.8	42.4 - 141.3	25.0	2002	23,550.0	18,840.0 - 28,260.0	2.0 - 51.0	2002
Belgium (Heroin no.3)	28.7	19.8 - 37.7	-	2002	22,230.0	17,570.0 - 26,940.0	6.0 - 90.0	2002
Cyprus	100.0	80.0 - 120.0	-	2002	22,500.0	20,000.0 - 25,000.0	-	2002
Denmark (Heroin no.3)	126.1	63.0 - 189.1	-	2002	20,800.0	18,910.0 - 22,690.0	18.0 - 78.0	2002
(Heroin no.4)	163.9	75.7 - 252.2	-	2002	69,340.0	63,040.0 - 75,650.0	-	2002
Finland	188.4	141.3 - 235.5	7.0	2002	51,800.0	47,090.0 - 56,510.0	7.0	2002
France (Heroin no.3)	47.1	42.4 - 65.9	2.0 - 10.0	2002	23,550.0		10.0 - 40.0	2002
(Heroin no.4)	75.4	56.5 - 113.0	2.0 - 10.0	2002	37,680.0		10.0 - 40.0	2002
Germany	38.3	17.0 - 59.3	-	2002	20,330.0	13,300.0 - 27,310.0	-	2002
Greece (Heroin no.3)	44.7	18.8 - 70.6	-	2002	15,540.0	11,300.0 - 19,780.0	-	2002
(Heroin no.4)	44.7	18.8 - 70.6	-	2002	19,310.0	14,130.0 - 24,490.0	2.0 - 80.0	2002
Iceland	372.0		-	1998				
Ireland (Heroin no.3)	179.0	169.5 - 188.4	25.0 - 35.0	2002	43,478.3		60.0 - 70.0	1999
Italy (Heroin no. 3)	58.7	53.3 - 64.1	-	2002	27,000.0	24,560.0 - 29,450.0	3.0 - 30.0	2002
(Heroin no. 4)	77.7	72.3 - 83.2	-	2002	40,330.0	37,440.0 - 42,230.0	-	2002
Liechtenstein	48.5	34.7 - 62.4	-	1997	27,760.0		-	1997
Luxembourg	138.5	108.0 - 170.5	-	1998	50,368.5	47,717.5 - 53,019.5	-	1999
Malta (Heroin no.3)	70.0		20.0	2001	45,200.0		60.0	2001
Monaco	86.5		65.0	1997	87,100.0		65.0	1997
Netherlands	34.9	22.6 - 47.1	-	2002	29,200.0	20,720.0 - 37,680.0	-	2002
Norway	164.8	94.2 - 235.5	10.0 - 75.0	2002	37,680.0	28,260.0 - 47,090.0	10.0 - 75.0	2002
Portugal (Heroin no.3)	41.2		20.0	2002	25,840.0	23,490.0 - 28,190.0	-	2002
Spain	60.8		34.0	2002	41,200.0		51.0	2002
Sweden (Heroin no.3)	127.7	102.2 - 153.3	-	2002	25,540.0	20,440.0 - 30,650.0	-	2002
(Heroin no.4)	153.3	102.2 - 204.4	-	2002	71,530.0	61,310.0 - 81,740.0	-	2002
Switzerland	38.5	25.5 - 51.1	-	2002	19,150.0	12,770.0 - 19,150.0	8.0 - 21.0	2002
Turkey	17.5	15.0 - 20.0	-	2001	7,540.0	5,650.0 - 9,420.0	-	2002
United Kingdom	91.1	44.8 - 149.4	-	2002	30,620.0	23,900.0 - 37,340.0	-	2002
Oceania								
Australia	201.9	114.3 - 539.8	-	2002	75,580.0	53,980.0 - 97,710.0	-	2002
New Zealand	387.2	318.9 - 455.5	-	2002				

5.2. Cocaine: Wholesale and street prices and Purity Levels

Prices in Europe and in USA, 1990-2003

Retail price (street price), US$/gram

EUROPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Austria	198	*180*	167	120	126	156	138	118	113	93	94	78	71	91
Belgium	*80*	90	68	95	82	93	90	57	55	60	55	51	50	53
Denmark	144	135	111	90	*150*	176	169	108	119	165	106	120	91	105
Finland	*159*	*150*	*126*	*105*	*165*	*191*	*184*	*123*	179	*157*	*138*	121	111	152
France	99	119	140	153	151	174	125	87	84	82	50	87	75	91
Germany	120	103	111	95	109	103	90	77	72	68	57	58	57	68
Greece	*150*	*120*	105	54	116	111	144	91	54	82	69	72	75	96
Iceland	167	203	207	200	211	228	226	238	149	*134*	*121*	109	150	207
Italy	108	120	164	90	104	113	129	109	129	*135*	*100*	89	90	103
Luxembourg	*150*	*150*	*150*	*150*	172	194	127	115	110	119	*119*	119	*107*	96
Netherlands	66	*70*	74	66	*60*	79	52	64	38	33	*33*	*33*	*33*	50
Norway	176	170	255	156	145	*150*	153	177	133	128	114	157	165	201
Portugal	63	57	60	57	59	66	64	57	51	43	56	48	36	52
Spain	110	100	100	63	78	91	72	68	68	63	52	52	56	70
Sweden	*160*	*152*	*183*	*123*	*148*	118	118	98	88	97	77	79	87	96
Switzerland	178	144	188	136	146	148	127	117	110	*109*	77	69	74	*74*
United Kingdom	131	127	69	123	113	111	102	124	128	104	94	94	84	87
Ireland	*141*	*137*	*120*	*110*	*100*	119	32	34	32	30	*28*	*28*	*94*	115
Average unweighted	133	129	133	110	124	134	119	103	95	95	80	81	84	100
infl.adj.	**188**	**175**	**174**	**141**	**154**	**162**	**139**	**119**	**107**	**104**	**85**	**84**	**86**	**100**
Weighted average	117	115	118	104	112	118	105	92	92	88	70	74	72	84
Adjusted for inflation	**165**	**155**	**154**	**132**	**139**	**143**	**123**	**106**	**103**	**97**	**75**	**77**	**73**	**84**

Sources: ARQ or EUROPOL, except 2003 EUROPOL, and in italic UNODC

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
USA	184	177	170	147	137	131	126	127	124	118	129	70	90	
Adjusted for inflation	**260**	**239**	**223**	**188**	**169**	**159**	**148**	**145**	**140**	**130**	**138**	**73**	**92**	

Sources: ONDCP 1990-2000 (prices for 1 gram or less, at street purity), ARQ 2001 - 2002 (mid-point of min/max prices)

Wholesale price, US$/kg

EUROPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Austria	*66,000*	*60,000*	54,000	40,000	41,946	52,084	45,875	56,723	54,440	38,859	47,094	43,995	42,385	59,434
Belgium	*25,000*	24,000	38,250	28,000	26,920	30,560	21,927	17,025	19,167	23,859	22,376	26,771	28,111	20,717
Denmark	*80,000*	85,000	85,000	82,500	58,516	60,034	46,141	38,640	44,517	78,900	43,462	47,839	37,823	52,325
Finland	*79,500*	75,000	*62,750*	*52,500*	*82,500*	*95,450*	*91,750*	*61,550*	*89,350*	*78,460*	*68,321*	*59,492*	*51,804*	62,264
France	117,000	38,250	45,000	38,250	40,000	39,877	48,077	43,554	42,159	27,714	*27,000*	34,978	37,676	45,283
Germany	69,000	53,100	60,300	54,142	57,692	54,676	53,925	45,294	41,210	39,639	33,752	33,235	34,476	40,893
Greece	*75,000*	*60,000*	95,000	36,000	46,413	53,098	72,015	43,795	49,180	49,320	41,237	40,359	42,385	53,774
Italy	54,000	48,000	94,000	41,935	51,097	51,455	55,633	50,629	49,091	47,250	*46,000*	40,529	41,412	48,464
Luxembourg	*93,919*	95,939	113,521	50,847	157,593	141,343	47,625	43,103	41,072	47,718	*47,718*	*47,718*	*47,718*	*47,718*
Netherlands	26,500	*27,000*	29,500	26,500	24,680	33,232	23,894	29,698	22,355	27,500	*27,500*	*27,500*	*27,500*	27,453
Norway	120,000	*120,000*	127,500	*110,000*	39,971	*50,000*	41,670	60,028	81,699	57,545	51,417	51,569	54,159	64,953
Portugal	39,500	39,285	33,000	27,000	27,950	34,483	42,591	37,908	33,447	30,000	*28,000*	29,080	*31,046*	32,469
Spain	65,000	60,000	55,000	35,000	36,434	41,322	38,760	36,806	38,924	38,898	30,882	38,898	31,511	38,903
Sweden	*80,000*	*76,200*	*91,375*	*61,450*	*73,825*	55,556	59,255	45,573	50,484	48,508	38,394	34,693	35,763	41,991
Switzerland	63,900	94,250	116,250	50,847	72,012	75,949	51,587	40,780	41,152	*41,000*	35,482	23,392	19,274	*19,274*
United Kingdom	47,850	46,475	20,625	43,210	*45,000*	46,774	40,625	47,500	47,500	33,981	38,168	36,008	35,848	39,539
Ireland	45,000	*45,000*	*40,000*	*50,000*	*45,000*	*42,000*	31,646	33,733	31,530	29,891	*29,891*	*29,891*	*29,891*	*29,891*
Average unweighted	67,481	61,618	68,298	48,717	54,562	56,347	47,823	43,079	45,722	43,473	38,629	37,997	36,987	42,667
infl.adj.	**95,069**	**83,310**	**89,592**	**62,056**	**67,733**	**68,033**	**56,095**	**49,385**	**51,582**	**48,013**	**41,266**	**39,473**	**37,838**	**42,667**
Weighted average	67,800	50,675	57,354	43,992	47,026	48,138	47,737	43,965	43,425	38,478	35,569	36,091	35,946	41,949
Adjusted for inflation (kg)	**95,519**	**68,515**	**75,235**	**56,037**	**58,379**	**58,123**	**55,995**	**50,401**	**48,991**	**42,496**	**37,998**	**37,493**	**36,773**	**41,949**
inflation adjusted (gram)	**96**	**69**	**75**	**56**	**58**	**58**	**56**	**50**	**49**	**42**	**38**	**37**	**37**	**42**

Sources: ARQ or EUROPOL, except 2003 EUROPOL, and in italic UNODC

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
USA	45,430	48,300	48,100	44,730	42,180	38,640	35,700	34,320	31,960	30,870	29,580	21,500	23,000	
Adjusted for inflation (kg)	**45,430**	**48,300**	**48,100**	**44,730**	**42,180**	**38,640**	**35,700**	**34,320**	**31,960**	**30,870**	**29,580**	**22,335**	**23,529**	
Adjusted for inflation (gram)	**45**	**48**	**48**	**45**	**42**	**39**	**36**	**34**	**32**	**31**	**30**	**22**	**24**	

Sources: ONDCP 1990-2000 (prices for 10-100 gram, at street purity), ARQ 2001 - 2002 (mid-point of min/max prices)

COCAINE

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
East Africa								
Kenya	31.8	25.5 - 38.2	-	2002	44,580.0	38,210.0 - 50,950.0	40.0 - 50.0	2002
Rwanda					26,000.0		-	2002
Uganda	100.0		-	2000	200,000.0		90.0	2000
North Africa								
Egypt	184.5	152.0 - 217.1	-	2002	97,690.0	86,830.0 - 108,540.0	-	2002
Southern Africa								
Namibia	47.6	44.4 - 50.8	-	2001	4,758.8	4,441.6 - 5,076.1	-	2001
(Crack)	9.4	9.4 - 11.3	-	2002				
South Africa	21.6	23.5 - 26.3	-	2002	15,990.0	13,169.0 - 20,694.0	-	2002
(Crack)					5,080.0		-	2001
Swaziland (Coca Base)	188.1	141.1 - 282.2	-	2002	7,600.0		-	1999
(Crack)	0.3	0.3 - 0.4	-	2001				
Zambia	47.0		80.0	2002				
Zimbabwe	89.3	71.1 - 128.6	-	2002	50,000.0	18,181.8 - 81,818.2	-	2001
(Crack)	44.6	35.7 - 53.6						
West and Central Africa								
Congo					5,710.0	4,280.0 - 7,140.0	-	2002
Côte d'Ivoire	4.3	2.1 - 9.9	-	2002	12,130.0	24.0 - 24,262.0	-	2002
Ghana	1.5	1.4 - 1.6	-	2002	15,000.0	14,000.0 - 16,000.0	-	2002
Nigeria	25.3	21.0 - 25.3	-	2002	25.250.0	21,043.0 - 25,252.0	-	2002
Americas								
Central America								
Costa Rica	19.6	16.8 - 22.4	-	2002	5,180.0	4,760.0 - 5,600.0	53.0 - 90.0	2002
(Crack)	14.7	9.8 - 19.6	-	2002	2,330.0	1,550.0 - 3,100.0	-	2001
El Salvador	24.0	23.0 - 25.0	-	2002	24,000.0	23,000.0 - 25,000.0	-	2002
(Crack)	24.0	23.0 - 25.0	-	2002	24,000.0	23,000.0 - 25,000.0	-	2002
Guatemala (Coca Base)	12.7	10.2 - 12.7	80.0 - 90.0	2002	12,720.0	11,450.0 - 12,720.0	80.0 - 93.0	2002
(Crack)	8.6	7.6 - 9.5	50.0 - 60.0	2002	7,630.0	6,360.0 - 7,630.0	50.0 - 70.0	2002
Honduras (Coca Base)	15.3	12.2 - 18.3	-	2002	5,190.0	4,880.0 - 5,490.0	-	2002
(Crack)	6.7	6.1 - 7.3	-	2002	3,110.0	2,930.0 - 3,300.0	-	2002
Nicaragua	5.0		-	2002	5,000.0		-	2002
(Crack)	1.0		-	2002	1,000.0		-	2002
Panama	1.5	1.0 - 2.0	40.0 - 80.0	2001	1,600.0	1,200.0 - 2,000.0	-	2001
(Coca Base)	1.5	1.0 - 2.0	40.0 - 80.0	2001	1,600.0	1,200.0 - 2,000.0	-	2001
(Crack)	1.5	1.0 - 2.0	40.0 - 80.0	2001	1,600.0	1,200.0 - 2,000.0	-	2001
North America								
Canada	51.0	31.9 - 127.6	68.0	2002	28,700.0	20,410.0 - 38,270.0	85.0 - 95.0	2002
(Crack)	95.7	63.0 - 127.6	72.0	2002				
Mexico					7,880.0		-	2002
United States	90.0	80.0 - 100.0	56.0	2002	23,000.0	10,000.0 - 36,000.0	69.0	2002
(Crack)	65.0	30.0 - 100.0	-	2002				

COCAINE

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
South America								
Argentina	20.0	18.0 - 22.0	4.0 - 20.0	2001	3,870.0	2.580.0 - 5,150.0	-	2002
(Coca Base)	10.0	8.0 - 12.0	-	2001	2,060.0	1,720.0 - 2,410.0	-	2002
(Crack)	15.0	13.0 - 17.0	-	2001	1,460.0	1,370.0 - 1,550.0	-	2002
Bolivia	5.0		80.0	2002	1,500.0		-	2002
(Coca Base)	3.0		70.0	2002	1,200.0		-	2002
Brazil	4.9		-	1997	2,500.0		-	1996
Chile	2.4		-	1997	6,000.0		95.0	1998
Colombia	2.5	2.0 - 3.0	-	2002	1,750.0		-	2002
Ecuador	1.0		70.0	1999	2,000.0		96.0	1999
Guyana	8.0	6.0 - 10.0	-	1996	5,360.0	4,500.0 - 6,210.0	-	1996
Paraguay	6.5		-	1999	3,500.0		-	1999
Peru	5.0	4.0 - 6.0	80.0	2001	870.0	850.0 - 880.0	-	2002
(Coca Base)	2.0	1.5 - 2.5	75.0	2001	350.0	300.0 - 400.0	70.0	2001
Suriname (Coca Base)	3.8	3.0 - 4.5	-	2001	4,000.0	3,000.0 - 5,000.0	-	2002
(crack)	1.7	1.2 - 2.3	-	2002				
Uruguay	6.0	5.0 - 7.0	20.0 - 40.0	2002	5,750.0	5,000.0 - 6,500.0	20.0 - 40.0	2002
Venezuela	4.6	4.2 - 5.0	10.0 - 20.0	2002	3,150.0	2,940.0 - 3,350.0	85.0 - 90.0	2002
(crack)	1.5	1.3 - 1.7	-	2002	150.0	130.0 - 170.0	-	2002
Caribbean								
Bahamas (Coca Base)					15,000.0	13,000.0 - 20,000.0	-	2002
(crack)	60.0	50.0 - 70.0	-	2002				
Bermuda	125.0		-	2002	65,000.0	60,000.0 - 70,000.0	50.0 - 80.0	2002
(crack)	50.0		-	2002	65,000.0	60,000.0 - 70,000.0	50.0 - 70.0	2002
Cayman Islands	25.0	20.0 - 30.0	85.0 - 95.0	2002	11,000.0	10,000.0 - 12,000.0	85.0 - 95.0	2002
(Coca Base)	200.0	180.0 - 220.0	85.0 - 95.0	2002				
Cuba	100.0		-	1996	7,500.0	5,000.0 - 10,000.0	70.0 - 90.0	1996
Dominican Republic	10.0		-	2001	10,000.0		-	2001
Grenada (Coca Base)	19.4	16.7 - 22.2	-	2001	7,037.0	6,666.7 - 7,407.4	-	2001
Haiti (Coca Base)	6.5	6.0 - 7.0	-	2001	5,500.0	5,000.0 - 6,000.0	-	2001
Jamaica	7.0	6.0 - 8.0	90.0	2001	5,500.0	5,000.0 - 6,000.0	90.0	2001
(crack)	1.4	1.2 - 1.5	-	2001	215.0	210.0 - 220.0	-	2001
Saint Lucia	10.0		-	2000	8,000.0		-	2000
Trinidad Tobago	50.0		5.1	2001	27,000.0		75.0	2001
Turks and Caicos Islands	10.0	10.0 - 20.0	90.0	2002	8,000.0	6,000.0 - 8,000.0	95.0	2002
Asia								
Central Asia and Transcaucasia								
Azerbaijan	125.0		-	1999				
East and South-East Asia								
Hong Kong SAR, China	161.9	128.4 - 182.9	-	2002	40.060.0	26,320.0 - 44,930.0	-	2002
Republic of Korea	720.1	593.0 - 847.1	85.0	1999	58,840.0	55,290.0 - 62,390.0	-	2001
Indonesia	49.7	44.1 - 55.2	-	2002	11,030.00	9,380.0 - 13,240.0	-	2002
Japan	103.9	47.9 - 195.8	-	2002				
(Coca Base)	373.3		-	2002				
Mongolia (Coca Base)					27,390.0		-	2001
Philippines	109.4	90.1 - 128.7	-	1999				

COCAINE

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Near and Middle East /South-West Asia								
Israel (Coca Base)	67.5	45.0 - 90.0	-	2002	45,000.0	40,000.0 - 50,000.0	-	2002
Jordan (Coca Base)	141.2		-	1998	70,621.5	63,559.3 - 77,683.6	-	2002
Lebanon	70.0	50.0 - 90.0	50.0 - 90.0	2001	65,000.0	50,000.0 - 80,000.0	80.0 - 90.0	2002
(Coca Base)	50.0	40.0 - 60.0	60.0 - 90.0	2001	50,000.0	30,000.0 - 70,000.0	70.0 - 90.0	2001
Saudi Arabia					9,070.0		0.2	1998
Syrian Arab Republic	100.0	80.0 - 120.0	40.0 - 60.0	2002	60,000.0	50,000.0 - 70,000.0	50.0 - 70.0	2002
South Asia								
India (Coca Base)					50,660.6	25,869.2 - 75,451.9	-	2001
Europe								
Eastern Europe								
Albania	54.2	50.6 - 57.8	-	2002	45,000.0	40,000.0 - 50,000.0	-	2002
Bulgaria	48.1	38.5 - 58.7	-	2002	32,209.3	27,608.0 - 36,810.6	90.0 - 92.0	2001
Croatia	63.7	51.0 - 76.4	20.0 - 50.0	2002	31,850.0	28,030.0 - 38,220.0	60.0 - 80.0	2002
Czech Republic	70.6	49.0 - 94.2	50.0 - 86.0	2002	43,940.0	31,080.0 - 56,510.0	75.0 - 86.0	2002
Estonia	48.3	36.3 - 60.4	-	2002	62,820.0	53,850.0 - 71,800.0	-	2002
Hungary	61.2	56.5 - 65.9	30.0 - 80.0	2002	32,020.0	30,140.0 - 33,910.0	30.0 - 80.0	2002
Latvia	68.3	56.2 - 80.3	-	2001				
Lithuania	70.3	32.4 - 108.1	20.0 - 40.0	2002	27,020.0	21,610.0 - 32,420.0	40.0 - 60.0	2002
(Coca Base)	62.5	50.0 - 75.0	30.0 - 50.0	2001				
Poland (Coca Base)	50.3	40.3 - 75.5	14.0 - 21.0	2002	27,670.0	25,160.0 - 30,190.0	40.0 - 84.0	2002
Republic of Moldova (Coca E	60.0		90.0	2001	30,000.0		90.0	2001
Romania	54.2	42.4 - 65.9	-	2002	23,550.0	18,840.0 - 28,260.0	-	2002
Russian Federation	110.0	100.0 - 120.0	-	2001	80,000.0	60,000.0 - 100,000.0	70.0 - 90.0	2001
Serbia and Montenegro	35.9	26.9 - 44.8	-	2001	38,100.0	31,400.0 - 44,800.0	-	2001
(Coca Base)	47.1	42.4 - 47.1	-	2002	37,680.0	28,260.0 - 51,800.0	-	2002
Slovakia					22,140.0		-	2002
(crack)	60.9	55.3 - 66.4	-	2002	104,000.8	41,600.3 - 166,401.2	60.0 - 95.0	2001
Slovenia	63.6	61.2 - 65.9	-	2002	63,580.0	61,220.0 - 65,930.0	-	2002
The former Yug.Rep of Mace	37.7	28.3 - 47.1	-	2002	30,610.0	23,550.0 - 37.680.0	-	2002
Ukraine	130.0	110.0 - 150.0	-	2002	100,000.0	90,000.0 - 110,000.0	-	2002
Western Europe								
Andorra	59.0	53.6 - 64.4	-	2001				
Austria	70.6	61.2 - 80.1	50.0	2002	42,390.0	37,680.0 - 47,090.0	1.0 - 92.0	2002
Belgium	50.4	39.6 - 60.8	-	2002	28,110.0	23,420.0 - 32,800.0	9.0 - 100.0	2002
Cyprus (Coca Base)	100.0	80.0 - 120.0	-	2002	28,500.0	27,000.0 - 30,000.0	-	2002
Denmark	91.4	56.7 - 126.1	-	2002	37,820.0	25,220.0 - 50,430.0	10.0 - 86.0	2002
Finland	110.7	63.1 - 158.2	-	2002	51,800.0	47,090.0 - 56,510.0	-	2002
France	75.4	47.1 - 84.8	-	2002	37,680.0	28,260.0 - 45,210.0	60.0 - 90.0	2002
(Crack)	6.7	4.5 - 9.0	-	2001				
Germany	57.1	33.0 - 87.6	-	2002	34,480.0	25,350.0 - 44,740.0	-	2002
Greece	75.4	56.5 - 94.2	-	2002	42,390.0	32,970.0 - 51,810.0	4.0 - 87.0	2002
Iceland	150.0	100.0 - 200.0	-	2002				
Ireland	89.7	80.7 - 98.7	60.0 - 70.0	2001	29,891.3		60.0 - 70.0	1999
Italy	90.3	81.6 - 99.0	-	2002	41,410.0	37,440.0 - 45,670.0	18.0 - 87.0	2002
Liechtenstein	84.5	67.6 - 101.4	40.0 - 50.0	1998	40,540.0	33,780.0 - 47,300.0	70.0 - 80.0	1998
Luxembourg	119.3	79.5 - 159.1	15.0 - 35.0	1999	47,717.5	42,415.6 - 53,019.5	85.0 - 90.0	1999
Malta	79.1		40.0	2001	67,810.0		60.0	2001
Monaco	203.0		-	1997				
Netherlands	60.7	48.5 - 72.8	-	1999	27,500.0	25,000.0 - 30,000.0	-	1999
Norway	165.0	94.2 - 235.5	15.0 - 90.0	2002	54,160.0	37,680.0 - 70,640.0	15.0 - 90.0	2002
Portugal	36.3		-	2002	28,190.0	25,840.0 - 30,540.0	-	2002
Spain	55.6		50.0	2002	31,510.0		71.0	2002
Sweden	86.9	71.5 - 102.2	-	2002	35,760.0	30,650.0 - 40,870.0	-	2002
Switzerland	73.1	51.1 - 95.7	-	2002	35,040.0	25,530.0 - 51,060.0	38.0 - 58.0	2002
Turkey (Coca Base)	80.0	70.0 - 90.0	-	2001	84,770.0	75,350.0 - 94,190.0	-	2002
United Kingdom	83.6	52.3 - 149.4	45.0	2002	35,850.0	26,890.0 - 44,810.0	1.0 - 89.0	2002
(Crack)	132.9	44.2 - 298.7	20.0 - 100.0	2002	35,850.0	26,890.0 - 44,810.0	21.0 - 93.0	2002
OCEANIA								
Australia (Coca Base)	146.8	99.0 - 269.9	39.0	2002	98,190.0	95,210.0 - 107,110.0	-	2002
New Zealand	170.8	136.7 - 205.0	-	2002				

5.3. Cannabis: Wholesale and Street Prices and Purity Levels

HERBAL CANNABIS
Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory
(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
East Africa								
Ghana					51.0	39.2 - 62.7		1999
Kenya	0.2	0.1 - 0.3	-	2002	119.8		-	1996
Madagascar	1.3	1.1 - 1.4	100.0	2002	10.0		100.0	2002
Mauritius	10.1		80.0 - 100.0	2002	4,300.0	3,600.0 - 5,000.0		2001
Seychelles	6.0		-	1998	4,100.0	3,680.0 - 4,600.0	-	2002
Uganda	40.0	30.0 - 50.0	-	2001	75.0	50.0 - 100.0		2001
North Africa								
Egypt	0.3		-	2001	120.0		50.0	2001
Morocco					426.0		-	1997
Southern Africa								
Malawi	0.1		-	2002	5.0	4.0 - 6.0		2002
Namibia	0.3	0.3 - 2.4	-	2002	450.0	400.0 - 500.0	-	2001
South Africa	0.1		-	2002	10.0	10.0 - 20.0	-	2002
Swaziland	0.1		-	2001	50.0		-	1998
Zambia	0.1	0.1 - 0.6	100.0	2002				
Zimbabwe	0.1		-	2002	40.0	30.0 - 40.0	-	2002
West and Central Africa								
Benin					8.4		-	1998
Burkina Faso					20.0		-	2001
Congo					25.0	20.0 - 30.0	-	2001
Côte d'Ivoire	0.7	0.1 - 1.4	-	2002	7.0	1.0 - 36.0		2002
Ghana	4.0	3.0 - 5.0	-	2002	300.0	230.0 - 350.0	-	2002
Nigeria	0.3	0.3 - 0.4	-	2002	13.0		-	2002
Americas								
Central America								
Costa Rica	2.2	1.7 - 2.8	-	2002	840.0			2002
El Salvador	1.0	1.0 - 1.1	-	2002	1,070.0	1,000.0 - 1,140		2002
Guatemala	1.9	1.3 - 2.5	100.0	2002	100.0		100.0	2002
Honduras	0.5	0.3 - 0.6	-	2002	70.0	40.0 - 100.0	-	2002
Nicaragua	0.1		-	2002	140.0	100.0 - 140.0	-	2002
Panama	0.8	0.5 - 1.0	60.0 - 80.0	2001	225.0	150.0 - 300.0	-	2001
North America								
Canada	6.4	6.34 - 19.1	-	2002	4,465.0	3,830.0 - 5,100.0	3.0 - 18.0	2002
Mexico					80.0		-	2002
United States	10.0	2.0 - 130.0	2.0 - 13.0	2002	2,300.0	600.0 - 4,000.0	4.0 - 13.0	2002
South America								
Argentina	1.5	1.3 - 1.7	0.5 - 6.0	2001	300.0	170.0 - 450.0	-	2002
Bolivia	0.8		-	2002	100.0		-	2002
Brazil	0.9		-	1997				
Colombia	0.02		-	2001	20.0		-	2002
Chile	1.0		-	1996	800.0		-	1998
Ecuador					600.0		-	1999
Guyana	0.2		-	1996	65.0	50.0 - 80.0	-	1996
Paraguay	0.9	0.7 - 1.1	-	2002	10.0		-	2002
Peru	1.5	1.0 - 2.0	95.0	2001	60.0	50.0 - 70.0	95.0	2001
Suriname	0.9	0.5 - 1.4	-	2002	7.5	5.0 - 10.0	-	2001
Uruguay	0.2	0.1 - 0.2	90.0 - 100.0	2002	160.0	120.0 -180.0	90.0 - 100.0	2002
Venezuela	1.9	1.7 - 2.1	-	2002	110.0	100.0 - 130.0		2002

HERBAL CANNABIS

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Caribbean								
Bahamas	5.0	5.0 - 10.0	-	2002	1,000.0	800.0 - 1,600.0	-	2002
Bermuda	50.0		-	2002	13,000.0	11,000.0 - 15,000.0	-	2002
Cayman Islands	8.0	6.0 - 10.0	-	2002	2,000.0	1,500.0 - 2,500.0	-	2002
Dominican Republic	0.6		-	2001	450.0	400.0 - 500.0	-	1998
Grenada	1.3	1.1 - 1.4	-	2001	500.0	400.0 - 600.0	-	2001
Jamaica					61.0	57.0 - 65.0	-	2001
Saint Lucia	0.8		-	2000	630.0	600.0 - 660.0	-	2000
Trinidad Tobago	5.0		-	2001	3,000.0		-	2001
Turks and Caicos Islands	10.0	10.0 - 20.0	100.0	2002	600.0	500,0 - 600.0	100.0	2002
Asia								
Central Asia and Transcaucasia								
Armenia					1,000.0		-	1996
Azerbaijan	0.8	0.8 - 1.0	-	2002	700.0	650.0 - 800.0	-	2002
Kyrgyzstan	0.7	0.5 - 1.0	8.0 - 10.0	2002	10.0		8.0 - 10.0	2002
Tajikistan	0.3	0.1 - 0.4	-	2001	125.0	50.0 - 200.0	-	2001
Turkmenistan	0.8	0.2 - 1.4	-	2001	356.5	38.0 - 675.0	-	2001
Uzbekistan					200.0	100.0 - 300.0	-	1998
East and South-East Asia								
Brunei Darussalam	0.1		-	2002	5,297.2		-	1998
Hong Kong SAR, China	8.6	6.2 - 12.9	-	2002	2,105.0	1,440.0 - 3,850.0	-	2002
Indonesia	1.1		100.0	2002	100.0	110.0 - 170.0	100.0	2002
Japan	52.2	4.0 - 100.3	-	2002	4,973.0	2,630.0 - 7,320.0	-	2002
Malaysia	0.5	0.5 - 0.6	-	1997	331.5	265.2 - 397.8	-	1999
Macau	12.0	10.0 - 15.0	-	2002	2,350.0	2,200.0 - 2,500.0	-	2002
Myanmar	0.1	0.1 - 0.2	-	2002	30.2		-	1999
Philippines	0.1	0.1 - 0.2	-	2001	61.0	41.0 - 81.0	-	2001
Republic of Korea	0.8		-	2001	100.0		-	2001
Singapore	3.7		-	2002	1,282.0	890.0 - 1,670.0	-	2002
Thailand	1.8	1.2 - 2.4	-	1999	90.0	30.0 -150.0	-	2001
Near and Middle East /South-West Asia								
Israel	2.2		-	2002	135.0	90.0 - 180.0	-	2002
Jordan	4.9	2.8 - 7.1	-	2002	565.0	490.0 - 640.0	-	2002
Lebanon					1,200.0		-	2000
Syrian Arab Republic	1.1		-	1999	652.2		-	1999
South Asia								
Bangladesh	0.3	0.2 - 0.3	3.0 - 6.0	2002	130.0	100.0 - 150.0	5.0 - 7.0	2002
India					40.0		-	2001
Maldives	122.6	81.7 - 163.5	-	2001				
Nepal					11.0	7.4 - 14.7	-	1999
Sri Lanka	18.5	15.8 - 21.1	7.0 - 75.0	2002				

HERBAL CANNABIS

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Europe								
Eastern Europe								
Albania	1.3	1.1 - 1.5	-	2002	350.0		-	2002
Belarus	4.0	3.0 - 5.0	-	2002	3,000.0	700.0 - 5,000.0	-	2002
Bulgaria	0.6	0.5 - 0.7	-	2002	45.0	40.0 - 50.0	-	2001
Croatia	2.5	1.9 - 4.5	-	2002	510.0	380.0 - 640.0	-	2002
Czech Republic	3.2	1.6 - 4.7	3.0	2002	4,239.0	1,600.0 - 6,900.0	21.0	2002
Estonia	7.0	6.0 - 7.8	-	2002	6,880.0	5,980.0 - 7,780.0	-	2002
Hungary	3.0	6.6 - 9.4	3.0	2002	1,319.0	1,130.0 - 1,510.0	3.0	2002
Latvia	7.6	2.4 - 12.9	-	2001	900.0	300.0 - 1,400.0	-	2001
Lithuania	14.9	2.7 - 27.02	-	2002	12,158.0	2,700.0 - 21,610.0	-	2002
Poland	6.3	5.0 - 8.8	-	2002	2,390.0	2,010.0 - 2,770.0	-	2002
Republic of Moldova	0.05		-	1997	100.0		-	1997
Romania	8.5	7.5 - 9.4	-	2002	4,709.0	3,770.0 - 5,650.0	-	2002
Russian Federation	1.0		-	1999	300.0	100.0 - 500.0	-	2001
Serbia and Montenegro	2.8	2.8 - 4.7	-	2002	471.0	90.0 - 940.0		2002
Slovakia	4.4	0.2 - 6.6	-	2002	2,200.0	200.0 - 4,200.0	1.0 - 15.0	2001
Slovenia	8.0	7.5 - 8.5	-	2002	2,826.0	1,880.0 - 3,770.0	-	2002
The former Yug.Rep of Maced	1.2	0.9 - 1.4	-	2002	212.0	190.0 - 240.0	-	2002
Ukraine	1.7	1.5 - 2.0	-	2002	1,300.0	1,000.0 - 1,500.0	-	2002
Western Europe								
Andorra	2.7		-	2001				
Austria	6.1	3.8 - 8.5	11.0	2002	2,684.0	2,350.0 - 3,010.0	10.0	2002
Belgium	5.0	3.8 - 6.3	-	2002	2,072.0	1,660.0 - 2,480.0	2.0 - 18.0	2002
Cyprus	6.0	4.0 - 8.0	-	2002	2,000.0	1,500.0 - 2,500.0	-	2002
Denmark	9.0	8.8 - 9.2	-	1999				
Finland	6.6	5.7 - 7.6	-	2002				
France	4.7	1.9 - 6.6	-	2002	942.0	420.0 - 1,320.0	-	2002
Germany	6.8	3.8 - 10.4	-	2002	1,969.0	1,970.0 - 3,780.0	-	2002
Greece	2.1	1.4 - 2.8	-	2002	494.0	280.0 - 710.0	-	2002
Iceland	21.0	19.0 - 31.0	-	2002	-	-	-	-
Ireland	2.8	1.9 - 3.8	-	2002	2,691.2	2,549.6 - 2,832.9	-	1998
Italy	5.6	5.1 - 6.1	-	2002	1,036.0	820.0 - 1,260.0	2.0 - 17.0	2002
Liechtenstein	8.2		-	1996	3,679.5		-	1996
Luxembourg	2.5		-	1998	1,916.7	1,642.9 - 2,190.5	-	1998
Malta	2.8		17.0	2001	1,700.0		17.0	2001
Netherlands	4.9	3.6 - 6.1	-	1999	.	1,005.0 - 1,538.5	-	1997
Norway	14.1	9.4 - 18.9	-	2002	4,500.0	3,600.0 - 5,400.0	0.2 - 38.5	2001
Portugal	2.5		3.0	2002	704.0	470.0 - 940.0	-	2002
Spain	2.7		-	2002	1,020.0		-	2002
Sweden	5.0		-	2001				
Switzerland	4.8	3.2 - 6.4	-	2002	3,089.0	2,550.0 - 5,110.0	5.0 - 28.0	2002
Turkey	10.0	8.0 - 12.0	-	2001	500.0	400.0 - 600.0	-	2001
United Kingdom	7.5	4.2 - 15.0	-	2002	1,344.0	1,190.0 - 1,490.0	-	2002
Oceania								
Australia	19.2		-	1999	3,050.0		-	1999
New Zealand	4.6		-	2002	3,872.0	2,280.0 - 5,470.0	1.0 - 10.0	2002

CANNABIS OIL

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
Southern Africa								
Zambia	0.8		-	2002	-	-	-	-
Americas								
North America								
Canada	12.8	9.6 - 31.9	-	2002	5,102.0	3,190.0 - 9,570.0	3.0 - 28.0	2002
United States	45.0	35.0 - 55.0	-	1996	6,165.0	3,510.0 - 8,820.0	-	1996
South America								
Chile	24.7		-	1996	-	-	-	-
Caribbean								
Jamaica					510.0	500.0 - 520.0	-	2001
Asia								
Near and Middle East /South-West Asia								
Israel	10.0		-	1998	-	-	-	-
Europe								
Eastern Europe								
Albania	3.3	2.9 - 3.6	-	2002	600.0		-	2002
Bulgaria					2,300.0		-	2001
Western Europe								
Austria					4,239.0	3,300.0 - 5,180.0	-	2002
Cyprus					9,000.0	8,000.0 - 10,000.0	-	1999
France	14.1	14.1 - 37.7	-	2002				
Iceland	89.3		-	1998	-	-	-	-
Spain	11.4		-	2001	2,330.0		-	2002
Switzerland	19.0	8.8 - 29.2	-	2001	-	-	-	-
United Kingdom	22.4	17.9 - 29.9	-	2002	2,481.00	1,145.0 - 3,817.0	-	2000
Oceania								
Australia	27.0		-	2002	8,000.0	6,666.7 - 9,333.3	-	1998
New Zealand	18.2	9.1 - 22.8	-	2002	14,461.0	9,640.0 - 19,280.0	10.0 - 23.0	2002

CANNABIS RESIN

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
East Africa								
Kenya	0.9	0.8 - 1.0	-	2002				
Seychelles					8,560.0	8,110.0 - 9,010.0	-	2000
Uganda					2,250.0	2,250.0	-	1998
North Africa								
Algeria	2.2		-	2002	2,207.3	2,207.3	-	1999
Egypt	1.2	0.1 - 2.3	-	2001	2,279.0	1,740.0 - 2,820.0	-	2002
Tunisia	1.5		-	2002	1,121.7	1,035.4 - 1,207.9	-	1999
Southern Africa								
South Africa	8.38		-	2001	5,710.0		-	2001
Swaziland	0.2		-	2001				
Zambia	0.5		-	2002				
Americas								
North America								
Canada	12.8	12.8 - 38.3	-	2002	6,059.0	3,830.0 - 7,650.0	7.0 - 10.0	2002
United States					4,962.5	2,205.0 - 7,720.0	-	1996
South America								
Argentina	2.0	1.8 - 2.2	-	2001	600.0	500.0 - 700.0	-	2001
Caribbean								
Bermuda	100.0		-	2002				
Jamaica					260.0	250.0 - 270.0	-	2001
Asia								
Central Asia and Transcaucasia								
Armenia	5.0	5.0	-	2000	5,000.0	5,000.0	-	1999
Azerbaijan	2.0	1.8 - 2.2	-	2002	1,800.0	1,700.0 - 2,000.0	-	2002
Kyrgyzstan	0.9	0.5 - 1.5	2.0 - 3.0	2002	63.0	50.0 - 70.0	2.0 - 3.0	2002
Tajikistan	2.0	1.0 - 3.0	-	2002	200.0	100.0 - 300.0	-	2002
Uzbekistan	1.1	0.7 - 1.5	-	1999	700.0	400.0 - 1,000.0	-	1999
East and South-East Asia								
Hong Kong SAR, China	9.0	9.0	-	1999	21,882.3	21,882.3	-	1999
Indonesia	1.7		-	2002	1,660.0		-	2002
Japan	52.1	24.4 - 80.0	-	2002	2,696.0	1,400.0 - 3,990.0	-	2002
Republic of Korea	10.3	9.5 - 11.1	-	2001	7,900.0		-	2001
Macau SAR, China	12.5	10.0 - 15.0	-	2002	2,350.0	2,200.0 - 2,500.0	-	2002
Philippines	3.4	3.2 - 3.7	-	2001	3,400.0	3,100.0 - 3,700.0	-	2001
Near and Middle East /South-West Asia								
Afghanistan	0.2	0.1 - 0.3	70.0 - 90.0	2002	189.0	140.0 - 250.0	70.0 - 90.0	2002
Iran (Islamic Republic of)					360.0		-	2002
Israel	5.6	2.2 - 9.0	-	2002	1,565.0	900.0 - 2,230.0	-	2002
Jordan	5.7	3.5 - 7.8	-	2002	706.0	560.0 - 850.0	-	2002
Kuwait					4,934.2	4,934.2	-	1998
Lebanon	9.0	8.0 - 10.0	70.0 - 90.0	2002	300.0	200.0 - 400.0	90.0	2002
Oman	2.0		-	2002	2,900.0	2,600.0 - 3,100.0	-	2001
Pakistan	0.3	0.1 - 0.4	-	2002	90.0	50.0 - 200.0	-	2002
Qatar	8.8	8.8 - 9.6	-	2002	6,850.0	5,550.0 - 7,240.0	-	2002
Saudia Arabia	8.0	6.7 - 9.3	-	2001	1,250.0	1,200.0 - 1,300.0	60.0 - 80.0	2001
Syrian Arab Republic	1.0	0.8 - 1.2	70.0 - 90.0	2002	800.0	600.0 - 1,000.0	70.0 - 90.0	2002
Yeman	0.2	0.2 - 0.3	-	2002	125.0	100.0 - 150.0	-	2002

CANNABIS RESIN

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
South Asia								
Bangladesh	0.8	0.6 - 1.0	2.0 - 5.0	2002	500.0	450.0 - 700.0	3.0 - 6.0	2002
India	0.3	0.2 - 0.4	-	1999	430.0	220.0 - 650.0	-	2001
Nepal	0.1	0.1 - 0.2	-	1999	40.5	36.8 - 44.2	-	1998
Sri Lanka	0.3	0.3	-	1997	244.0	244.0	-	1997
Europe								
Eastern Europe								
Albania					500.0		-	2002
Belarus	15.0		-	2002	5,000.0	4,000.0 - 6,000.0	-	2002
Bulgaria	1.8		-	2001	1,380.0		-	2001
Croatia	4.5	1.9 - 5.1	-	2002	892.0	760.0 - 1,020.0	-	2002
Czech Republic	6.2	4.7 - 7.8	3.0 - 10.0	2002	3,000.0	3,110.0 - 7,850.0	3.0 - 10.0	2002
Estonia	13.6	12.1 - 15.1	-	2002	2,000.0		-	2001
Hungary	6.6	3.8 - 9.4	5.0	2002	1,319.0	1,130.0 - 1,510.0	5.0	2002
Latvia	13.7	9.6 - 17.7	-	2001	1,200.0	800.0 - 1,600.0	-	2001
Lithuania	13.0	4.1 - 21.6	-	2002	8,916.0	1,620.0 - 16,210	-	2002
Poland	7.6	5.0 - 10.1	-	2002	2,440.0	2,010.0 - 3,020.0	-	2002
Republic of Moldova	0.4		60.0	2001	400.0		70.0	2001
Romania	1.5	1.3 - 1.7	-	2002	7,535.0	6,590.0 - 8,480.0	-	2002
Russian Federation	4.5	3.0 - 6.0	-	2001	4,600.0	2,700.0 - 6,500.0	-	2001
Serbia and Montenegro	4.7	4.7 - 6.6	-	2002	4,100.0	3,400.0 - 4,800.0	40.0 - 50.0	2001
Slovakia	2.6	1.0 - 4.2	2.0 - 20.0	2001	2,210.0		-	2002
Slovenia	8.0	7.5 - 8.5	-	2002	8,006.0	7,540.0 - 8,480.0	-	2002
The former Yug.Rep of Macedonia	2.1	1.4 - 2.8	-	2002	518.0	380.0 - 660.0		2002
Ukraine	4.0	3.0 - 5.0	-	2001	1,250.0	1,000.0 - 1,500.0		2001
Western Europe								
Andorra	2.2		-	2001				
Austria	5.7	4.7 - 6.6	1.0 - 44.0	2002	2,590.0	2,350.0 - 2,830.0	2.0 - 15.0	2002
Belgium	5.7	4.2 - 7.1	-	2002	2,000.0	1,600.0 - 2,400.0	-	2001
Cyprus	8.0	7.0 - 10.0	-	2002	3,000.0	2,500.0 - 3,500.0	-	2002
Denmark	8.5	3.2 - 13.9	-	2002	2,837.0	1,260.0 - 4,410.0	39.0	2002
Finland	9.4	7.5 - 11.3	-	2002	3,110.0		-	2002
France	10.4	6.6 - 14.1	-	2002	1,884.0	940.0 - 2,830.0	5.0 - 10.0	2002
Germany	5.8	2.8 - 8.5	-	2002	2,273.0	1,340.0 - 3,380.0	-	2002
Greece	4.2	2.8 - 5.7	-	2002	850.0	850.0 - 2,070.0	-	2002
Iceland	32.0	25.0 - 50.0	-	2002				
Ireland	11.8	9.4 - 14.1	-	2002	3,060.0		-	2002
Italy	7.2	6.5 - 8.0	-	2002	1,968.0	1,570.0 -2,360.0	2.0 - 25.0	2002
Luxembourg	5.3	5.3	-	1999	3,313.7	2,651.0 - 3,976.5	-	1999
Monaco					5,807.0	5,807.0	-	1997
Netherlands	8.5	4.9 - 12.1	-	1999	1,671.7	1,237.6 - 2,475.2	-	1998
Norway	16.5	9.4 - 23.6	-	2002	4,709.0	3,770.0 - 5,650.0	-	2002
Portugal	2.3		4.0	2002	1,409.0	940.0 - 1,880	-	2002
Spain	3.5		-	2001	1,310.0		-	2002
Sweden	9.2	8.2 - 10.2	-	2002	3,270.0	2,550.0 - 4,090.0	-	2002
Switzerland	8.0	6.4 - 9.6	-	2002	3,670.0	5,110.0 - 6,380.0	7.0 - 28.0	2002
Turkey					1,107.0	800.0 - 1,410.0	-	2002
United Kingdom	6.9	3.9 - 7.5	-	2002	1,344.0	1,190.0 - 1,490.0	-	2002
Oceania								
Australia	24.3	16.2 - 27.0	-	2002	6,550.0	6,550.0	-	1999

5.4. Amphetamine-type stimulants (ATS): Wholesale and Street Prices and Purity Levels

AMPHETAMINE

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (*)					WHOLESALE PRICE (**)				
Region / country or territory	Typical	Range	Purity	Year	Unit	Typical	Range	Purity	Year	Unit
Africa										
East Africa										
Seychelles						4,055.0	3,600.0 - 4,510.0		2000	
Uganda						125.0	100.0 - 150.0		2000	
Southern Africa										
South Africa	5.7	4.9 - 6.5	-	1999	T					
West and Central Africa										
Burkina Faso	0.1	0.1 - 0.1	-	2001		22.4	20.4 - 24.5	-	2001	
Côte d'Ivoire	1.4	0.1 - 2.7	100.0	2001		4.1	2.7 - 5.4	100.0	2001	
Nigeria	0.6	0.4 - 0.8	-	2001		436.5	392.9 - 480.2	-	2001	
Americas										
Caribbean										
Saint Lucia	0.7	0.7 - 0.8		2000		630.0	600.0 - 660.0		2000	
North America										
United States	240.0	80.0 - 600.0		2000		70,500.0	24,000.0 - 175,000.0		2000	
South America										
Argentina	4.0	3.0 - 5.0	-	2001		300.0	250.0 - 350.0		2000	
Venezuela	2.6	2.2 - 3.0		2000		260.0	222.0 - 295.7		2000	
Asia										
Central Asia and Transcaucasian countries										
Kyrgyzstan	0.3	0.1 - 0.4		2000		190.0	80.0 - 300.0		2000	
East and South-East Asia										
Brunei Darussalam	12.2	9.2 - 15.3		2000						
Indonesia						500.0		-	2001	
Macau	8.0	7.0 - 9.0		2000						
Myanmar	0.3	0.2 - 0.5	-	2001	T	156.6	100.0 - 213.1	-	2001	TT
Vietnam	5.1	4.0 - 7.7	-	2002						
Near and Middle East/South										
Jordan	2.8	2.8 - 4.2	-	2002	T	2,820.0	2,820.0 - 3,670.0	-	2002	TT
Israel						288.0	200.0 - 375.0		2000	
Qatar	2.7		-	2002						
Saudi Arabia	6.8	6.7 - 6.9	-	2001	T	6,800.0	6,666.7 - 6,933.3	40.0 - 90.0	2001	TT
Syrian Arab Republic	12.0	10.0 - 14.0	10.0 - 14.0	2002		8,000.0	6,000.0 - 12,000.0	-	2002	

AMPHETAMINE

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (*)					WHOLESALE PRICE (**)				
Region / country or territory	Typical	Range	Purity	Year	Unit	Typical	Range	Purity	Year	Unit
Europe										
Eastern Europe										
Belarus	25.0	20.0 - 30.0	-	2002		15,000.0		-	2002	
Bulgaria	8.2	7.2 - 9.6	-	2002		3,220.0		30.0 - 60.0	2001	
Croatia	10.2	8.9 - 15.3	-	2002		5,100.0	3,820.0 - 6,370.0	-	2002	
Czech Republic	16.8	15.5 - 18.1	-	2001		18,790.0	12,530.0 - 25,050.0	10.0 - 34.0	2002	
Estonia	10.6	6.0 - 15.1	50.0	2002		2,990.0		50.0 - 98.0	2002	
Hungary	10.4	9.4 - 11.3	4.0 - 50.0	2002		2,830.0	1,980.0 - 3,770.0	4.0 - 50.0	2002	
Latvia	22.5	16.1 - 28.9	-	2001		2,089.1	1,446.3 - 2,731.9	-	2001	
Lithuania	13.0	4.1 - 21.6	15.0 - 60.0	2002		8,920.0	1,620.0 - 16,210.0	20.0 - 80.0	2002	
Poland	12.6	5.0 - 22.7	20.0 - 35.0	2002		3,770.0	2,520.0 - 5,030.0	60.0 - 90.0	2002	
Romania	4.0	3.0 - 5.0	-	2001	T	4,000.0	3,000.0 - 5,000.0	-	2001	TT
Slovakia	8.9	4.4 - 13.3	-	2002						
Slovenia	8.8	6.5 - 11.1	20.0 - 25.0	2000		3,705.0	2,780.0 - 4,630.0	20.0 - 25.0	2000	
Ukraine	28.0	25.0 - 30.0	-	2002						
Western Europe										
Andorra	12.1	8.0 - 16.1	-	2001	T					
Austria	16.5	14.1 - 18.8	50.0	2002		12,720.0	11,300.0 - 14,130.0	2.0 - 92.0	2002	
Belgium	11.3	9.0 - 13.7	-	2002		2,170.0	2,060.0 - 3,390.0	49.0	2002	
Denmark	31.5	12.6 - 50.4	-	2002		7.560.0	2,520.0 - 12,610.0	1.0 - 70.0	2002	
Finland	23.6	14.1 - 33.0	-	2002		5,650.0	5,000.0 - 6,310.0	54.0 - 71.0	2002	
France	12.7	6.6 - 18.8	-	2002	T	1,880.0	940.0 - 2,830.0	-	2002	TT
Germany	13.0	5.7 - 18.8	-	2002		4,490.0	2,280.0 - 7,120.0	-	2002	TT
Greece	3.8	2.8 - 4.7	-	2002		2,540.0	2,260.0 - 2,830.0	-	2002	
Iceland	62.0	50.0 - 75.0	-	2002						
Ireland	5.7		-	2002	D	1,880.0		-	2002	TD
Italy	18.1	16.9 - 19.2	-	2001		6,950.0	6,830.0 - 7,060.0	-	2002	
Luxembourg	19.9	13.3 - 26.5	-	1999						
Netherlands	5.1	2.5 - 7.8	-	1998		3,013.3	2,604.2 - 3,465.3	-	1998	
Norway	58.9	23.6 - 94.2	10.0 - 90.0	2002		11,770.0	9,420.0 - 14,130.0	10.0 - 80.0	2002	
Portugal	10.0	5.7 - 14.3	-	1998						
Spain	23.0		-	2001		15,810.0		-	2001	
Sweden	20.4	10.2 - 30.7	-	2002		7,660.0	5,110.0 - 10,220.0	-	2002	
Switzerland	19.20	12.8 - 25.5	-	2002		20,520.0	9,570.0 - 31,910.0	-	2002	
United Kingdom	13.4	4.5 - 22.4	40.0	2002		2,240.0	1,490.0 - 2,990.0	1.0 - 73.0	2002	
Oceania										
Australia	95.8	21.0 - 215.9	-	2002		49,480.0	10,800.0 - 86,370.0		2002	
New Zealand	41.1	15.3 - 51.6		2000	T	22,840.0	18,270.0 - 27,410.0		2000	TT

(*) in Gram or otherwise as indicated

(**) in Kilogram or otherwise as indicated

D : Doses unit

T : Tablets unit

TD: Thousand of doses

TT: Thousand of tablets

METHAMPHETAMINE

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per gram)				WHOLESALE PRICE (per kilogram)				
Region / country or territory	Typical	Range	Purity	Year		Typical	Range	Purity	Year
Africa									
Southern Africa									
Malawi	5.0		-	1997		2,000.0		-	1997
Namibia	10.0		-	1996		2,000.0		-	1996
South Africa	6.2	3.4 - 8.9	-	1997		2,250.0	1,800.0 - 2,700.0	-	1997
West and Central Africa									
Burkina Faso	0.1	0.1 - 0.1	-	2001		22.4	20.4 - 24.5	-	2001
Americas									
North America									
Canada	51.0	51.0 - 127.6	-	2002		22,497.0	19,690.0 - 25,310.0	-	2002
United States	210.0	20.0 - 400.0	38.0	2001		25,500.0	6,000.0 - 45,000.0	-	2001
Asia									
East and South-East Asia									
Brunei Darussalam	0.4		-	2002		64,744.0	58,858.2 - 70,629.8	-	1999
China						4,500.0	3,100.0 - 6,100.0	60.0 - 90.0	2002
China (Hong Kong SAR)	48.0	36.5 - 65.9	-	2002		5,194.0	4,620.0 - 5,460.0	-	2002
Indonesia	38.6	33.1 - 44.1	-	2002		16,552.0	11,030.0 - 22,070.0	-	2002
Japan	419.4	40.0 - 799.0	95.0	2002	TT	30,763.0	19,980.0 - 41,540.0	95.0	2002
Macau	18.0	12.0 - 25.0	-	2002					
Myanmar	1.3	0.7 - 1.9	-	2002					
Philippines	36.5	32.4 - 40.6	-	2001		40,556.2	36,500.6 - 44,611.8	-	2001
Republic of Korea	327.8	213.2 - 442.3	98.0	2001		39,490.0	31,592.0 - 47,388.0	-	2001
Singapore	31.8	4.5 - 72.5	16.0 - 77.0	2002		27,866.0	22,290.0 - 33,440.0	-	2002
Thailand	3.0	2.4 - 3.6	-	1998					
Europe									
Eastern Europe									
Czech Republic	25.9		40.0 - 80.0	2001		25,101.0	12,530.0 - 37,680.0	60.0 - 75.0	2002
Estonia						2,990.0		50.0 - 98.0	2002
Lithuania	17.6	13.5 - 21.6	17.0 - 65.0	2002		6,214.0	4,050.0 - 8,111.0	20.0 - 80.0	2002
Russian Federation	17.5	15.0 - 20.0	-	2001					
Slovakia						16,600.0		-	2002
Ukraine	20.0	10.0 - 30.0	-	2001		2,000.0	1,000.0 - 3,000.0	-	2001
Western Europe									
Finland	27.0	18.0 - 36.0	-	1999		11,241.0	9,892.1 - 12,589.9	31.0	1999
France					TD	1,884.0	940.0 - 2,830.0	-	2002
Germany	16.8	7.1 - 26.5	-	2000		5,595.0	3,200.0 - 7,990.0	-	2000
Netherlands	9.7	7.3 - 12.1	-	1999		-	-	-	-
Norway	42.4	9.4 - 75.3	10.0 - 80.0	2002		11,774.0	9,420.0 - 14,130.0	10.0 - 80.0	2002
Spain	25.1	24.3 - 25.8	-	1997		23,058.8	21,812.1 - 24,305.6	-	1997
Sweden	19.8	14.9 - 24.8	-	2001		7,663.0	5,110.0 - 10,220.0	-	2002
Switzerland	23.4	8.8 - 38.0	-	2001					
Oceania									
New Zealand	432.7	318.9 - 546.6	70.0 - 80.0	2002		176,741.0	60,670.0 - 192,810.(	80.0	2002

TD: Thousand of doses

TT: Thousand of tablets

L.S.D

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per dose)				WHOLESALE PRICE (per thousand dose)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
Southern Africa								
Namibia	11.3	11.3 - 14.1	-	2002				
South Africa	7.5		-	2002	6,302.0		-	2002
Zambia	42.8		-	1998				
Zimbabwe	4.6	4.3 - 5.0	-	2002				
West and Central Africa								
Ghana	12.0	10.0 - 14.0	-	2002				
Americas								
Central America								
Costa Rica	16.8		-	2002	15,500.0		-	2001
North America								
Canada	3.2	1.9 - 9.6	-	2002	1,590.0	640.0 - 2,550.0	-	2002
United States	5.5	1.0 - 10.0	-	1996	375.0	250.0 - 500.0	20.0 - 80.0	1996
South America								
Argentina	25.1	20.0 - 30.1	-	2001	100.0	20.0 - 150.0	-	2002
Asia								
East and South-East Asia								
Japan	32.0	24.0 - 40.0	-	2002				
Republic of Korea	15.8		-	2001				
Singapore	30.7	27.9 - 33.4	-	2002	3,900.0		-	2002
Near and Middle East /South-West Asia								
Israel	5.6	4.5 - 6.7	-	2002	5,600.0	4,500.0 - 6,700.0	-	2002
Europe								
Eastern Europe								
Bulgaria	13.8		-	2001				
Croatia	14.0	12.7 - 15.3	-	2002	6,370.0	5,100.0 - 7,640.0	-	2002
Czech Republic	7.1	7.1 - 9.4	-	2002	5,180.0	4,710.0 - 5,650.0	-	2002
Estonia	9.4		-	2002				
Hungary	10.2	8.5 - 11.9	-	2001	6,475.2	6,134.4 - 6,816.0	60.0 - 70.0	2001
Latvia	9.6		-	2001	800.0			2001
Lithuania	9.5	5.4 - 13.5	-	2002	5,400.0	2,700.0 - 8,110.0	-	2002
Poland	8.8	7.6 - 11.3	-	2002	3,770.0	2,520.0 - 5,030.0	-	2002
Romania	22.1	20.7 - 23.6	-	2002	10,830.0	9,420.0 - 12,240.0	-	2002
Serbia and Montenegro	4.7	4.7 - 6.6	-	2002				
Slovakia	7.8	2.2 - 13.3	-	2002				
Slovenia	10.7		-	2001				
Ukraine	18.0	15.0 - 20.0	-	2002	12,000.0	10,000.0 - 15,000.0	-	2002

L.S.D

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per dose)				WHOLESALE PRICE (per thousand dose)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Western Europe								
Austria	10.8	7.5 - 14.1	10.0	2002	3,300.0	2,830.0 - 3,770.0	-	2002
Belgium	8.2	7.1 - 9.4	-	2002	2,017.9	1,793.7 - 2,242.2	-	2001
Denmark	6.3		-	2002	4,622.5		-	1999
Finland	14.1	9.2 - 19.3	-	1998	9,404.1	9,174.3 - 9,633.9	-	1998
France	9.4	4.7 - 14.1	-	2002				
Germany	8.1	3.7 - 13.2	-	2002	2,509.3	456.2 - 4,562.4	-	2001
Greece	7.1	5.7 - 8.5	-	2002	3,770.0	2,830.0 - 4,710.0	-	2002
Iceland	17.9		-	1998	-	-	-	-
Ireland	14.3	14.1 - 14.6	-	1998	1,790.0		-	2001
Italy	25.8	25.2 - 26.4	-	2002	8,240.0		-	2002
Luxembourg	12.3		-	1998	9,943.2		-	1998
Netherlands	5.7	1.9 - 9.4	-	2002				
Norway	8.5	5.7 - 11.3	-	2002				
Portugal	6.5		-	2002				
Spain	8.0		-	2002	8,965.5		-	1998
Sweden	7.7	5.1 - 10.2	-	2002				
Switzerland	10.2	8.8 - 11.7	-	2001	13,240.0	7,660.0 - 19,150.0	-	2002
United Kingdom	4.8	1.5 - 7.5	-	2002	2,880.7	1,440.3 - 4,321.0	-	2001
Oceania								
Australia	16.5	12.4 - 26.7	-	1998				
New Zealand	15.9	13.7 - 18.2	-	2002	9,110.0		-	2002

ECSTASY

Retail and wholesale prices and purity levels: breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

	RETAIL PRICE (per tablet)				WHOLESALE PRICE (per thousand tablets)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Africa								
North Africa								
Egypt	26.1	19.5- 32.6	-	2002	10,850.0		-	2002
Southern Africa								
Namibia	7.5	7.5 - 11.3	-	2002	12,055.8	11,421.3 - 12,690.4	-	2001
South Africa	8.5		-	2002	6,960.6		-	2002
Zambia	1.6		10.0	2002				
Zimbabwe	6.4	5.7 - 7.1	-	2002	50,000.0	45,454.5 - 54,545.4	-	2001
West and Central Africa								
Ghana	6.0	5.0 - 7.0	-	2002				
Americas								
Caribbean								
Bahamas	30.0	30.0 - 40.0	-	2002	30,000.0	25,000.0 - 40,000.0	-	2002
Bermuda	40.0	30.0 - 50.0	-	2002				
Cayman Islands	25.0		-	2002	25,000.0		-	2002
Jamaica	22.5	20.0 - 25.0	-	2001				
Central America								
Costa Rica	11.9	9.8 - 14.0	-	2002	13,182.7	10,856.3 - 15,509.0	-	2001
Nicaragua	25.0		90.0	2002	25,000.0		-	2002
Panama	8.5	5.0 - 12.0	35.0 - 60.0	2001	8,000.0	6,000.0 - 10,000.0	-	2001
North America								
Canada	22.3	12.8 - 31.9	37.0	2002	7,650.0	6,380.0 - 9,570.0	-	2002
United States	27.5	10,0 - 45.0	-	2000	11,000.0	2,000.0 - 20,000.0	-	2000
South America								
Argentina	30.1	25.1 - 35.1	-	2001	34,360.0	27,490.0 - 41,230.0	-	2002
Peru	45.0	40.0 - 50.0	95.0	2001	20,000.0	15,000.0 - 25,000.0	95.0	2001
Suriname	3.5	2.3 - 4.6	-	2002				
Uruguay	22.0	18.0 - 25.0	-	2002	21,500.00	18,000.0 - 25,000.0	-	2002
Venezuela	14.7	12.6 - 16.8	-	2002				
Asia								
East and South-East Asia								
China	34.3		-	1999	7,258.7	4,839.1 - 9,678.2	-	2001
China (Hong Kong SAR)	11.2	9.1 - 13.2	-	2002	4,970.0	4,490.0 - 7,060.0	-	2002
Indonesia	7.7	6.6 - 8.3	-	2002	7,720.0	6,620.0 - 8,830.0	-	2002
Japan	54.7	13.6 - 95.9	-	2002				
Republic of Korea	59.2	39.5 - 79.0	-	2001	35,541.0	31,592.0 - 39,490.0	-	2001
Macau	22.0	18.0 - 31.0	-	2002				
Philippines	34.5	32.4 - 36.5	-	2001				
Singapore	12.6	11.2 - 13.9	39.0	2002	6,130.0	3,900.0 - 8,360.0	-	2002
Thailand	10.6	10.6	-	1999				
Vietnam	18.4	16.7 - 20.0	-	2002				
Near and Middle East /South-West Asia								
Israel	12.5	7.0 - 18.0	-	2002	7,670.0	6,670.0 - 8,670.0	-	2002

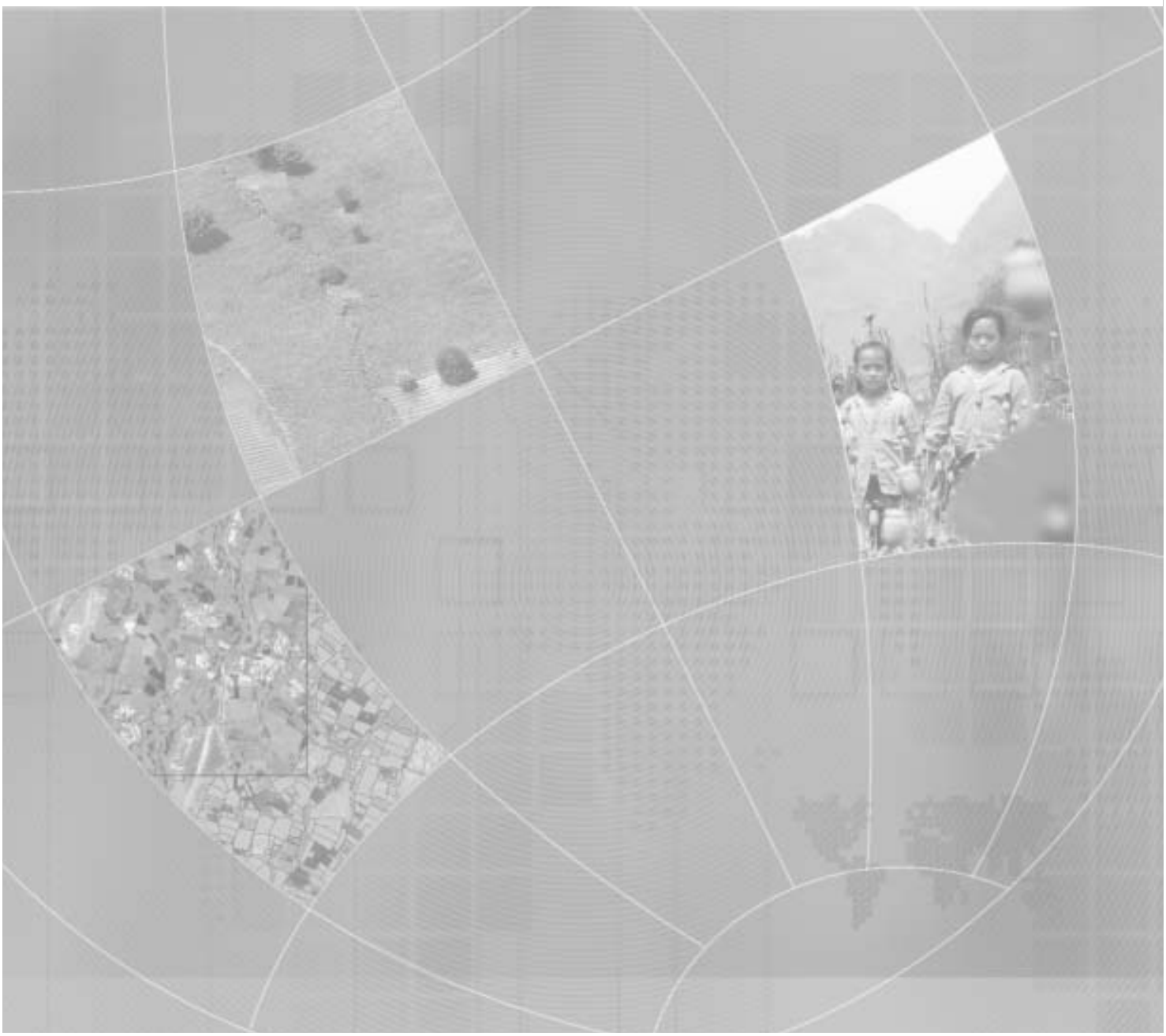
ECSTASY

Retail and wholesale prices and purity levels:
breakdown by drug, region and country or territory

(prices expressed in US$ or converted equivalent, and purity levels in percentage)

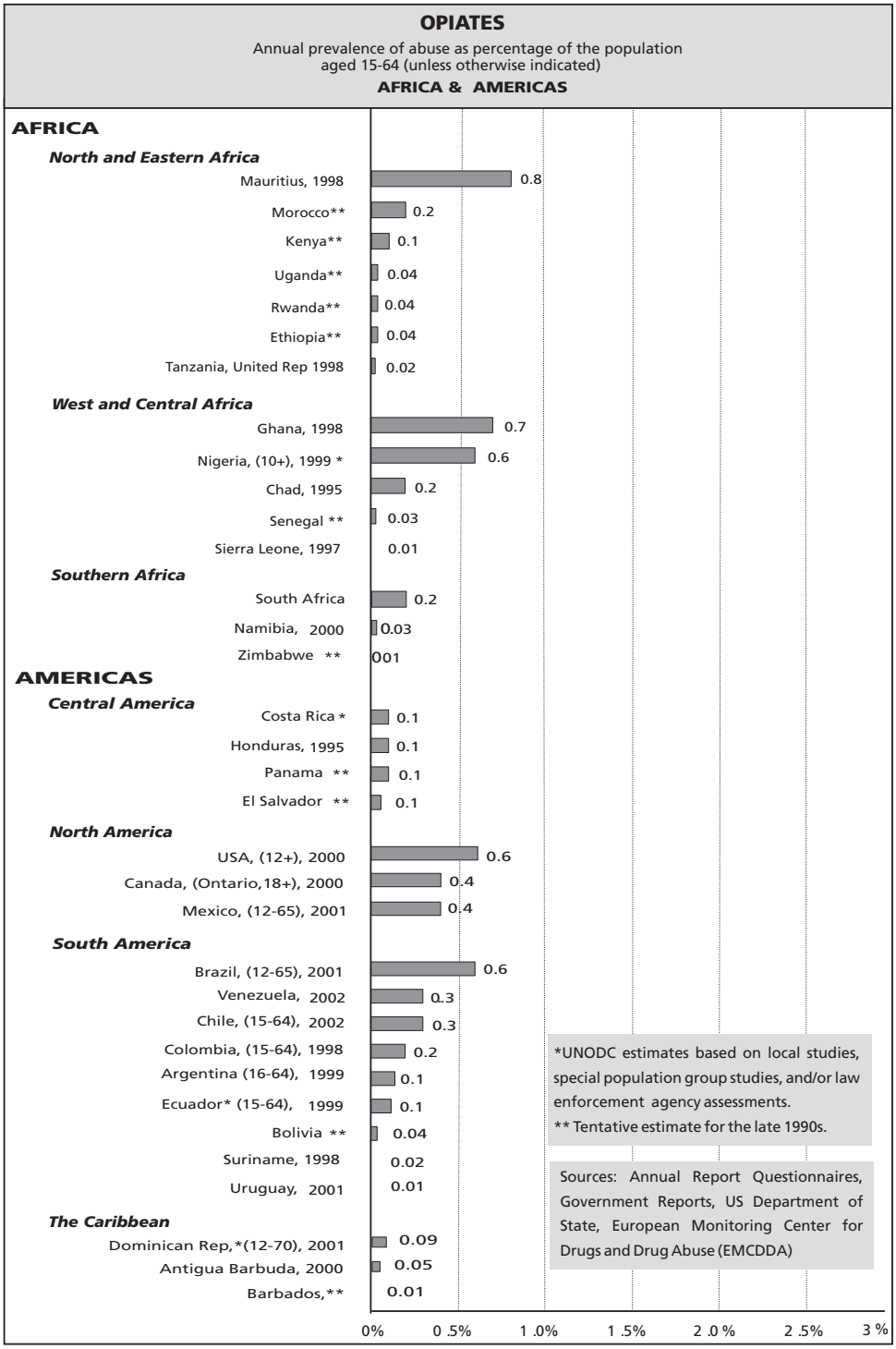
	RETAIL PRICE (per tablet)				WHOLESALE PRICE (per thousand tablets)			
Region / country or territory	Typical	Range	Purity	Year	Typical	Range	Purity	Year
Europe								
Eastern Europe								
Belarus	17.0	15.0 - 20.0	-	2002				
Bulgaria	9.6	7.2 - 12.0	-	2002	8,972.6	4,141.2 - 13,804.0	-	2001
Croatia	3.8	2.6 - 6.4	-	2002	1,910.0	1,270.0 - 2,550.0	-	2002
Czech Republic	5.7	3.8 - 7.5	10.0 - 20.0	2002	3,300.0	1,880.0 - 4,710.0	10.0 - 20.0	2002
Estonia	6.3	5.4 - 7.3	40.0	2002	1,560.0	1,320.0 - 1,790.0	50.0 - 98.0	2002
Hungary	9.4		8.0 - 50.0	2002	3,770.0	1,880.0 - 5,650.0	8.0 - 50.0	2002
Latvia					803.5	401.7 - 1,205.2	-	2001
Lithuania	6.8	2.7 - 10.8	10.0 - 30.0	2002	3,510.0	1,350.0 - 5,400.0	10.0 - 30.0	2002
Poland	5.0	2.5 - 7.6	-	2002	1,764.5	1,512.4 - 2,016.6	-	2002
Romania	8.5	7.5 - 9.4	-	2002	3,770.0	2,830.0 - 4,710.0	-	2002
Russian Federation	17.5	15.0 - 20.0	-	2001				
Serbia and Montenegro	4.7	4.7 - 6.6	-	2002	3,300.0	1,880.0 - 4,710.0	-	2002
Slovakia	7.3	4.2 - 10.4	-	2001				
Slovenia	7.3	6.2 - 8.3	-	2002	6,590.0	5,650.0 - 7,540.0	-	2002
The former Yug.Rep of M	7.1	4.7 - 9.4	-	2002				
Western Europe								
Andorra	9.4	8.0 - 10.7	-	2001				
Austria	8.5	3.8 - 13.2	1.0 - 80.0	2002	3,300.0	2,830.0 - 3,770.0	-	2002
Belgium	6.4	4.7 - 8.2	28.0 - 33.0	2002	710.0		-	2002
Cyprus	10.0	7.0 - 15.0	-	2002				
Denmark	17.8	4.4 - 31.5	-	2002	3,150.0	2,520.0 - 3,780.0	-	2002
Finland	15.1	11.3 - 18.8	-	2002	28,260.0	9,420.0 - 47,090.0	-	2002
France	9.4	6.6 - 14.1	-	2002	1,650.0	940.0 - 2,350.0	-	2002
Germany	8.2	3.8 - 13.2	-	2002	2,690.0	1,340.0 - 3,960.0	-	2002
Greece	18.8		-	2002	9,890.0	5,650.0 - 14,130.0	-	2002
Iceland	37.0	25.0 - 50.0	-	2002				
Ireland	11.8	9.4 - 14.1	-	2002	1,880.0		-	2002
Italy	20.7	18.5 - 22.9	-	2002	4,890.0	4,690.0 - 5,090.0	1.0 - 35.0	2002
Luxembourg	13.3		-	1999	6,925.0	6,747.6 - 7,102.3	-	1998
Malta	24.9	22.6 - 27.1	-	2001	15,821.8	13,561.5 - 18,082.0	-	2001
Netherlands	3.8		-	2002	2,848.3	2,475.5 - 3,465.3	-	1998
Norway	17.4	11.3 - 23.6	20.0 - 50.0	2002	37,680.0	28,260.0 - 47,090.0	20.0 - 50.0	2002
Portugal	5.6		-	2002	1,410.0	940.0 - 1,880.0	-	2002
Spain	10.3		-	2002	15,689.7		-	1998
Sweden	12.8	10.2 - 15.3	-	2002	4,090.0	2,040.0 - 6,130.0	-	2002
Switzerland	14.4	9.6 - 19.2	-	2002	13,500.0	6,380.0 - 25,530.0	-	2002
Turkey	17.5	15.0 - 20.0	-	2001	12,720.0	6,590.0 - 18,840.0	-	2002
United Kingdom	9.0	1.5 - 22.4	-	2002	2,610.0	2,240.0 - 2,990.0	-	2002
Oceania								
Australia	28.6	15.6 - 41.7	-	2001	12,785.0	9,590.0 - 15,980.0	-	1999
New Zealand	38.7	31.9 - 45.6	-	2002	25,050.0	18,220.0 - 31,880.0	-	2002

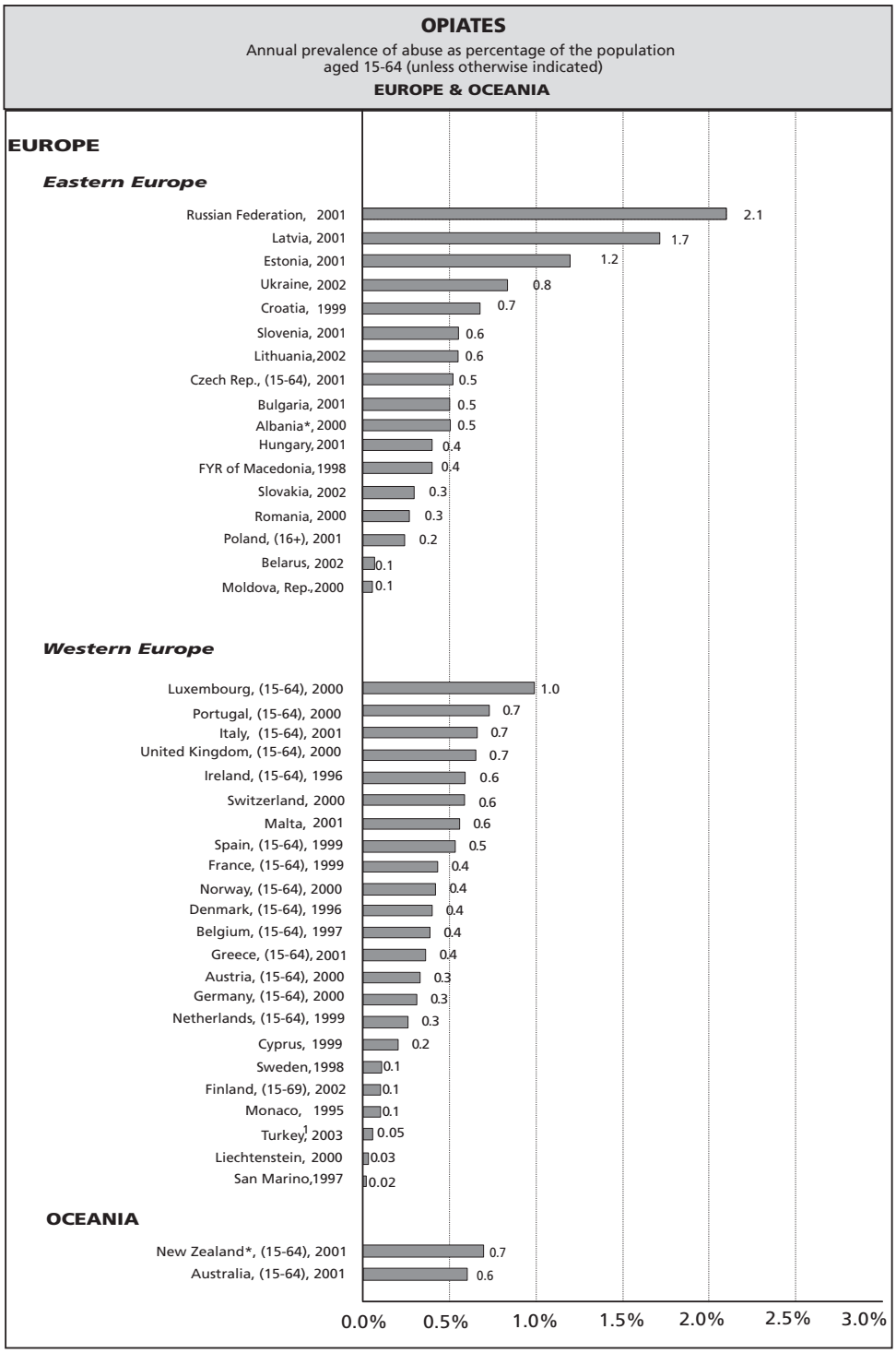
6. CONSUMPTION

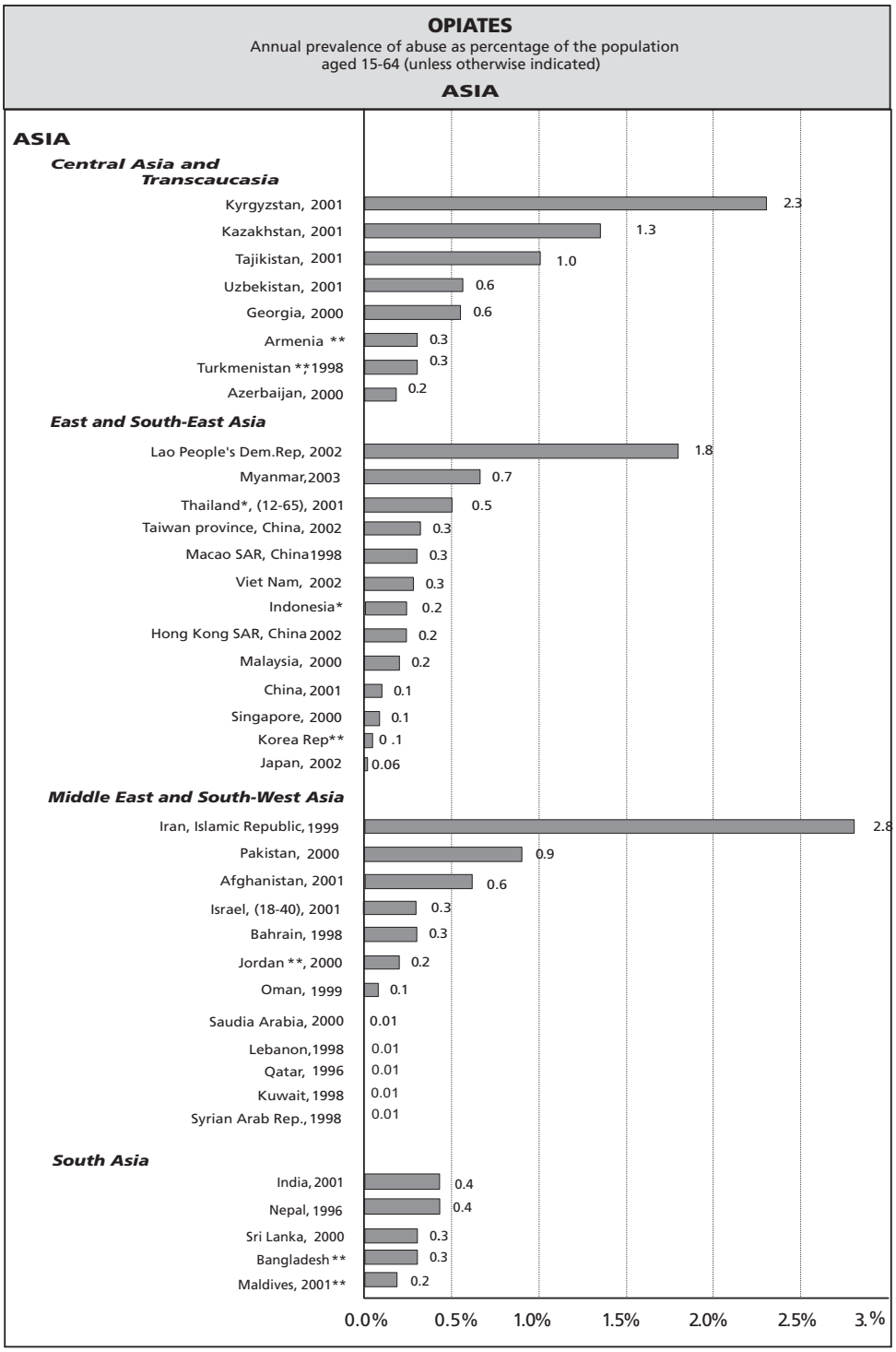


6.1. Annual prevalence of drug abuse

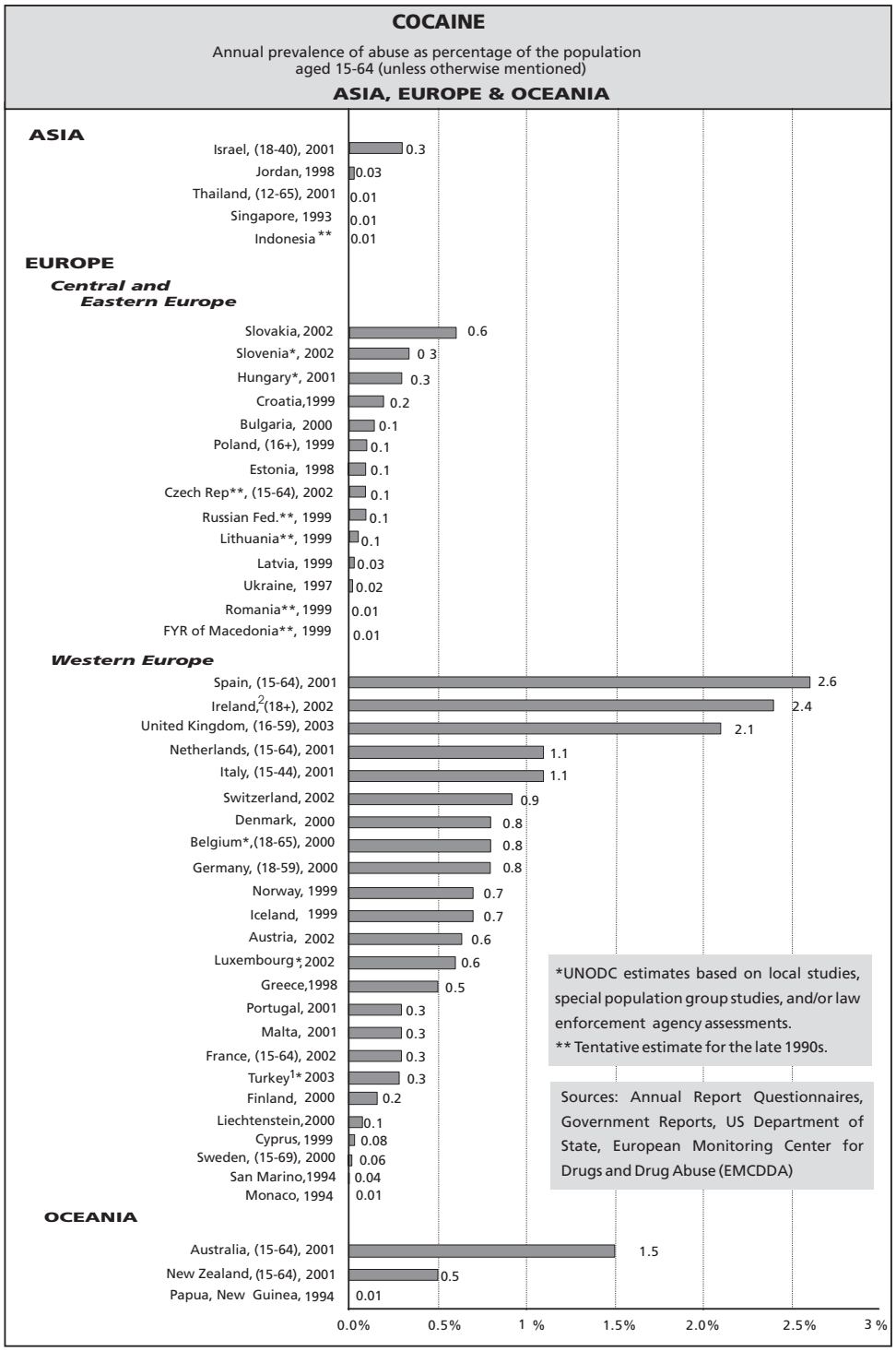
6.1.1. Opiates

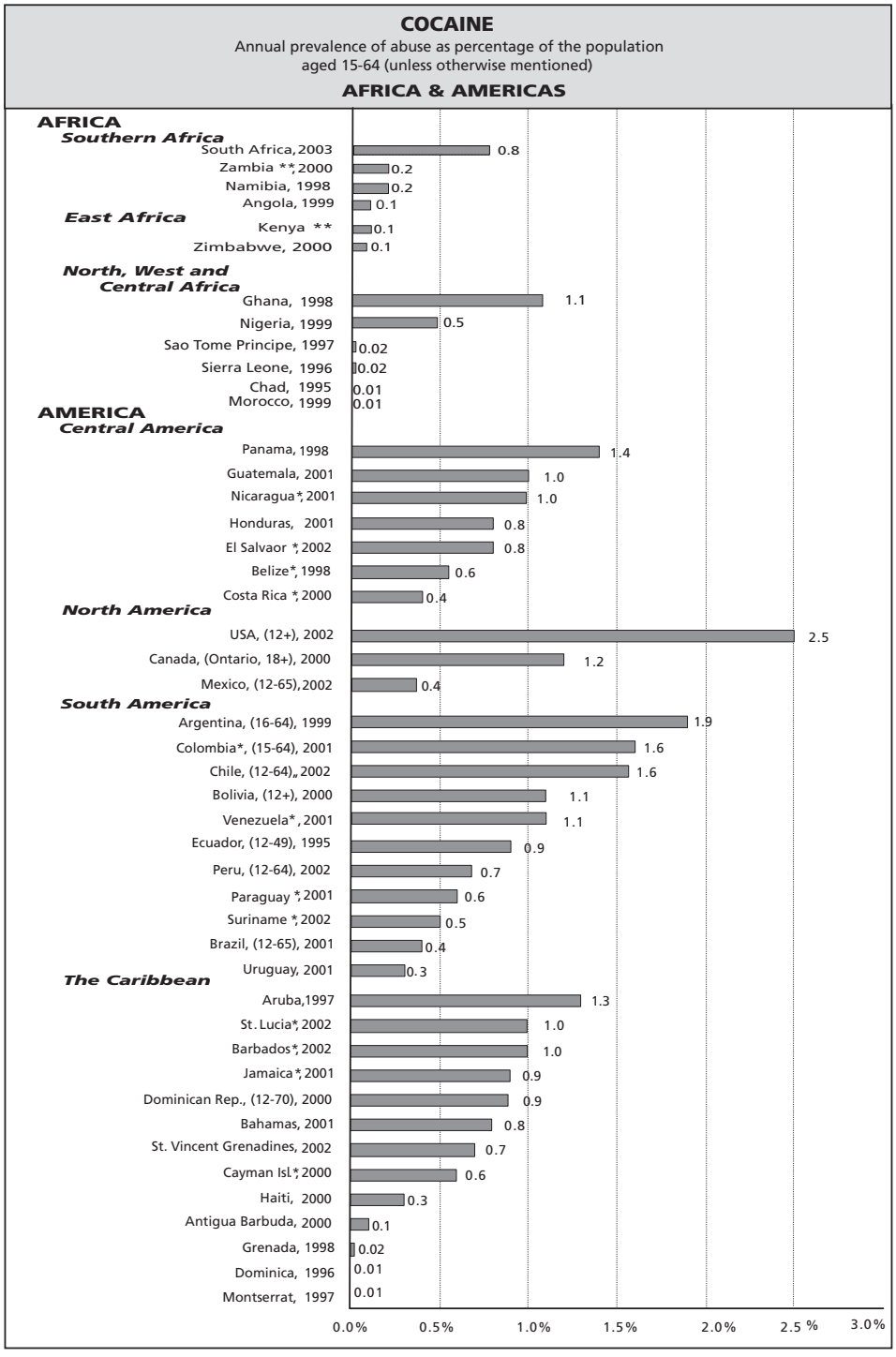



OPIATES
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
EUROPE & OCEANIA
EUROPE
Eastern Europe
Russian Federation, 2001 2.1
Latvia, 2001 1.7
Estonia, 2001 1.2
Ukraine, 2002 0.8
Croatia, 1999 0.7
Slovenia, 2001 0.6
Lithuania, 2002 0.6
Czech Rep., (15-64), 2001 0.5
Bulgaria, 2001 0.5
Albania*, 2000 0.5
Hungary, 2001 0.4
FYR of Macedonia, 1998 0.4
Slovakia, 2002 0.3
Romania, 2000 0.3
Poland, (16+), 2001 0.2
Belarus, 2002 0.1
Moldova, Rep., 2000 0.1
Western Europe
Luxembourg, (15-64), 2000 1.0
Portugal, (15-64), 2000 0.7
Italy, (15-64), 2001 0.7
United Kingdom, (15-64), 2000 0.7
Ireland, (15-64), 1996 0.6
Switzerland, 2000 0.6
Malta, 2001 0.6
Spain, (15-64), 1999 0.5
France, (15-64), 1999 0.4
Norway, (15-64), 2000 0.4
Denmark, (15-64), 1996 0.4
Belgium, (15-64), 1997 0.4
Greece, (15-64), 2001 0.4
Austria, (15-64), 2000 0.3
Germany, (15-64), 2000 0.3
Netherlands, (15-64), 1999 0.3
Cyprus, 1999 0.2
Sweden, 1998 0.1
Finland, (15-69), 2002 0.1
Monaco, 1995 0.1
Turkey[1], 2003 0.05
Liechtenstein, 2000 0.03
San Marino, 1997 0.02
OCEANIA
New Zealand*, (15-64), 2001 0.7
Australia, (15-64), 2001 0.6
0.0% 0.5% 1.0% 1.5% 2.0% 2.5% 3.0%

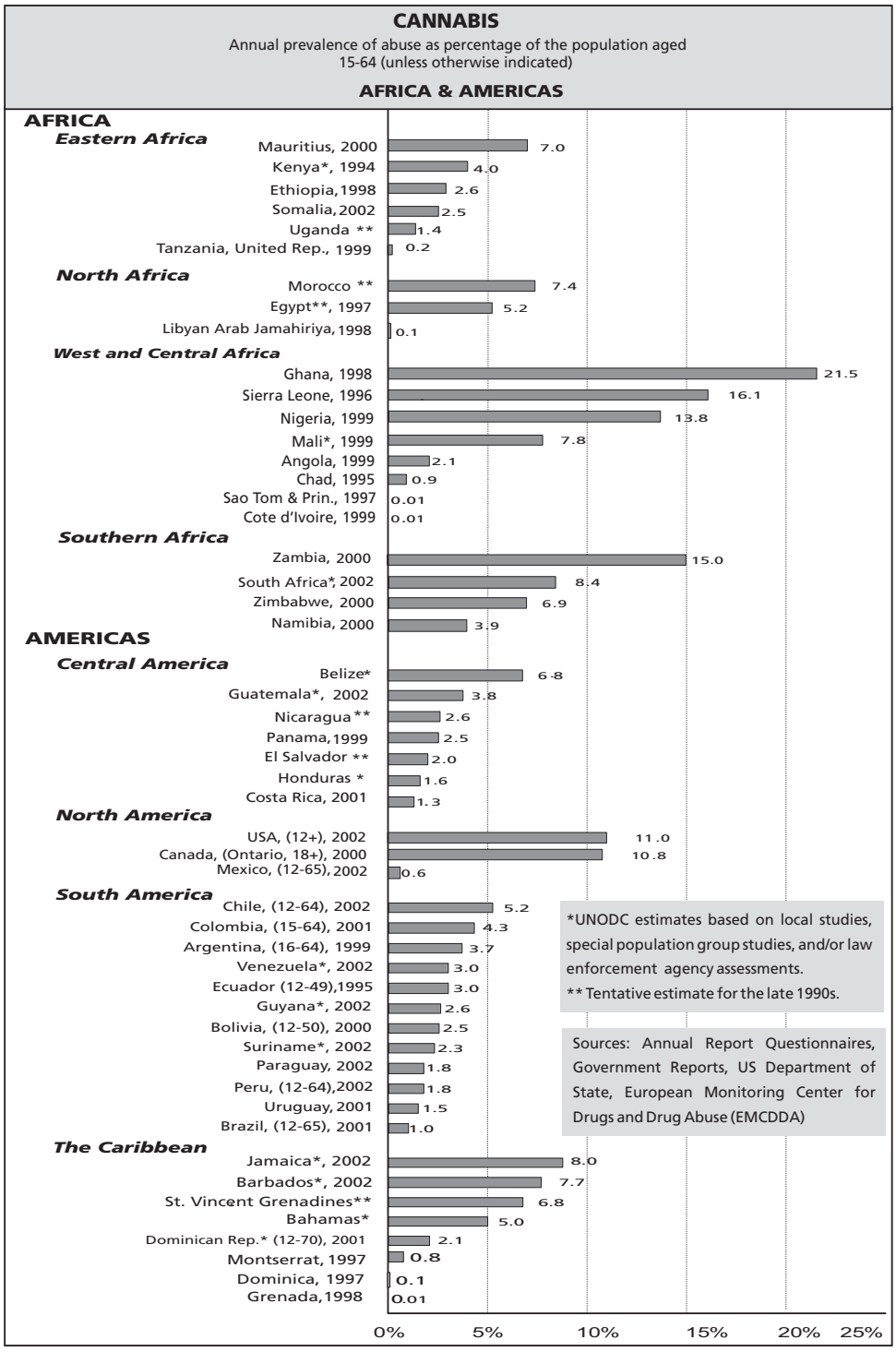

OPIATES
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
ASIA
ASIA
Central Asia and Transcaucasia
Kyrgyzstan, 2001
2.3
Kazakhstan, 2001
1.3
Tajikistan, 2001
1.0
Uzbekistan, 2001
0.6
Georgia, 2000
0.6
Armenia **
0.3
Turkmenistan **, 1998
0.3
Azerbaijan, 2000
0.2
East and South-East Asia
Lao People's Dem.Rep, 2002
1.8
Myanmar, 2003
0.7
Thailand*, (12-65), 2001
0.5
Taiwan province, China, 2002
0.3
Macao SAR, China 1998
0.3
Viet Nam, 2002
0.3
Indonesia*
0.2
Hong Kong SAR, China 2002
0.2
Malaysia, 2000
0.2
China, 2001
0.1
Singapore, 2000
0.1
Korea Rep**
0 .1
Japan, 2002
0.06
Middle East and South-West Asia
Iran, Islamic Republic, 1999
2.8
Pakistan, 2000
0.9
Afghanistan, 2001
0.6
Israel, (18-40), 2001
0.3
Bahrain, 1998
0.3
Jordan **, 2000
0.2
Oman, 1999
0.1
Saudia Arabia, 2000
0.01
Lebanon, 1998
0.01
Qatar, 1996
0.01
Kuwait, 1998
0.01
Syrian Arab Rep., 1998
0.01
South Asia
India, 2001
0.4
Nepal, 1996
0.4
Sri Lanka, 2000
0.3
Bangladesh **
0.3
Maldives, 2001**
0.2
0.0%
0.5%
1.0%
1.5%
2.0%
2.5%
3.%

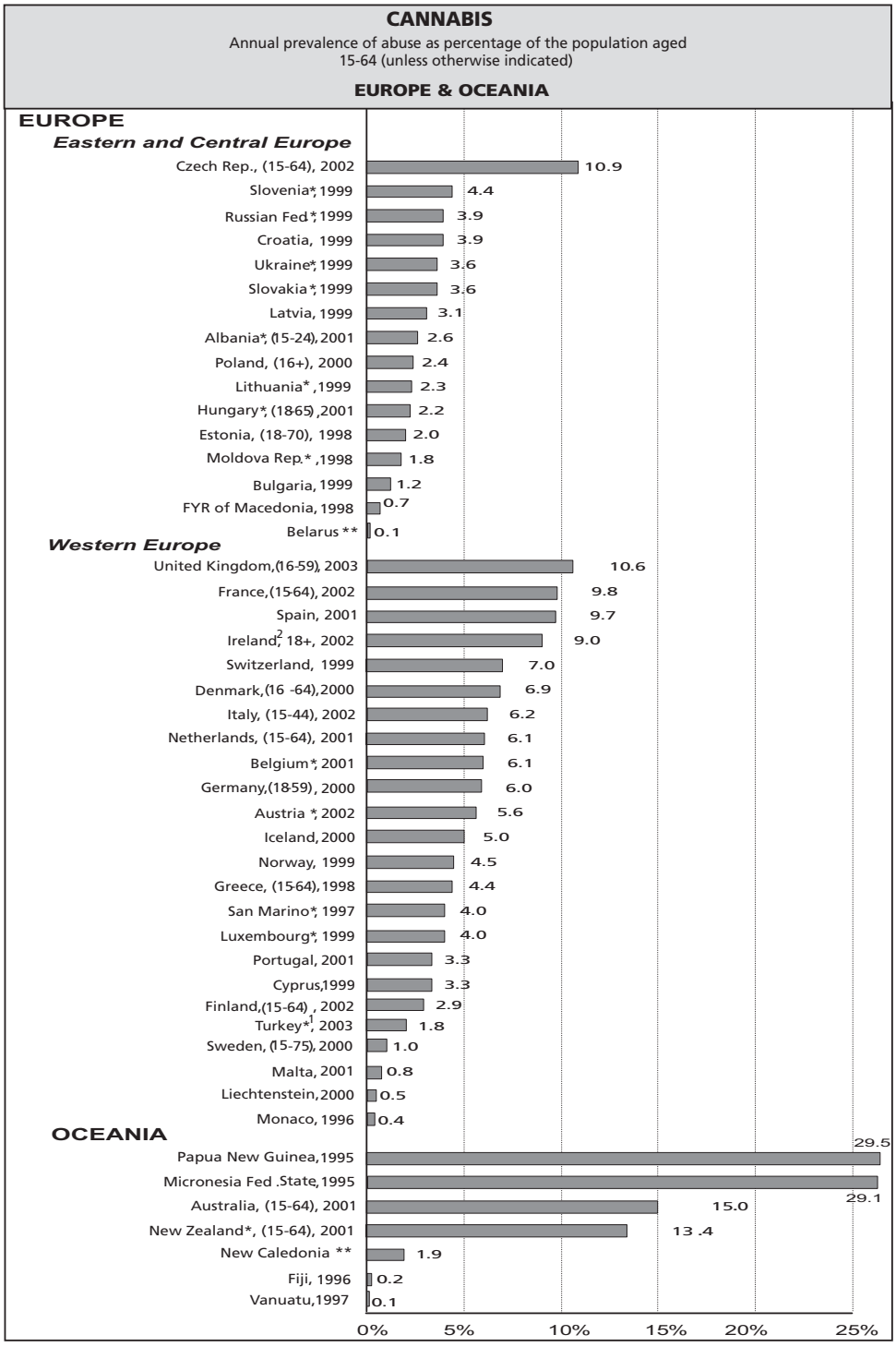
6.1.2. Cocaine

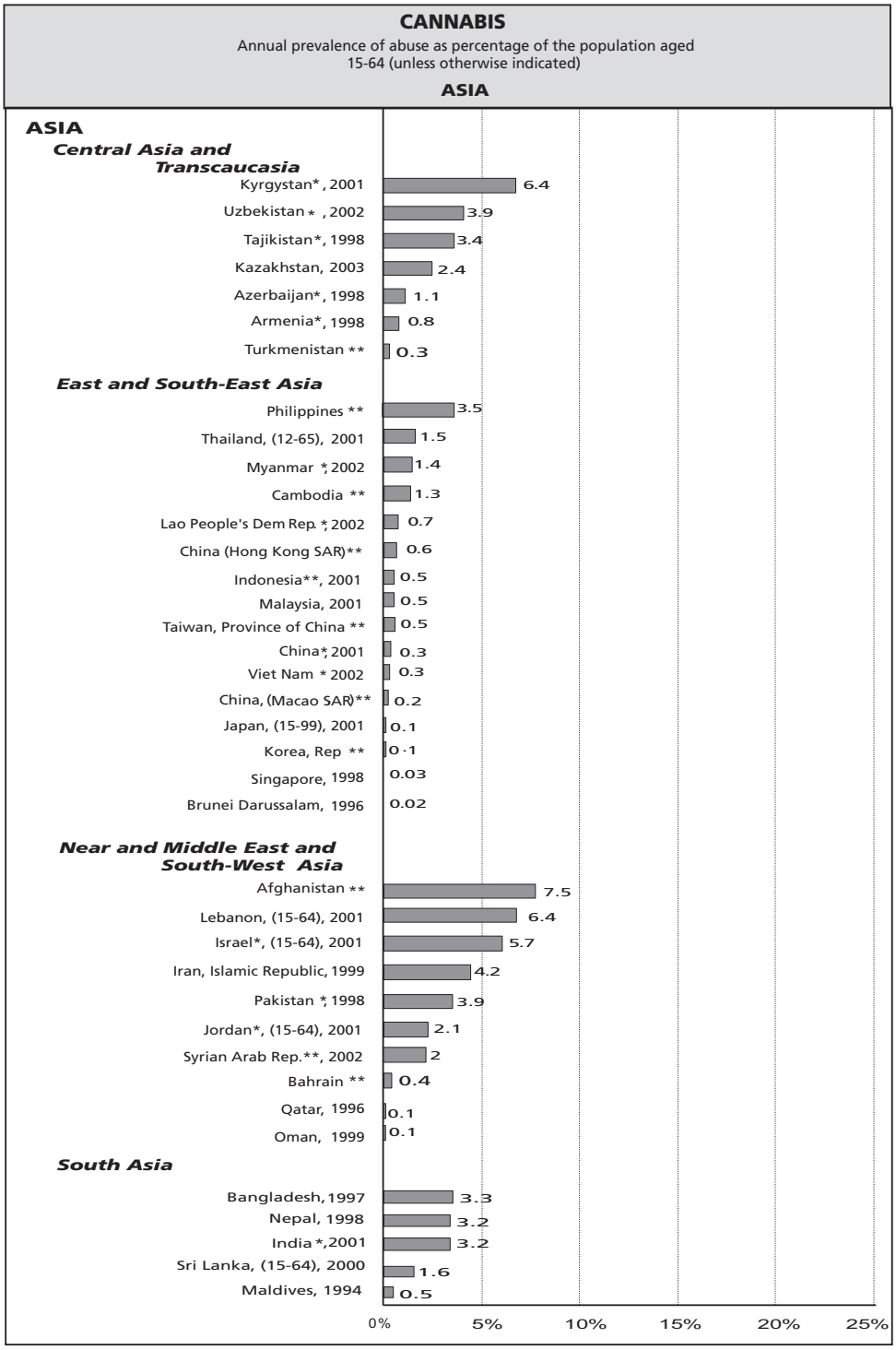

COCAINE
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise mentioned)
ASIA, EUROPE & OCEANIA
ASIA
Israel, (18-40), 2001 0.3
Jordan, 1998 0.03
Thailand, (12-65), 2001 0.01
Singapore, 1993 0.01
Indonesia ** 0.01
EUROPE
Central and Eastern Europe
Slovakia, 2002 0.6
Slovenia*, 2002 0 3
Hungary*, 2001 0.3
Croatia,1999 0.2
Bulgaria, 2000 0·1
Poland, (16+), 1999 0.1
Estonia, 1998 0.1
Czech Rep**, (15-64), 2002 0.1
Russian Fed.**, 1999 0.1
Lithuania**, 1999 0.1
Latvia, 1999 0.03
Ukraine, 1997 0.02
Romania**, 1999 0.01
FYR of Macedonia**, 1999 0.01
Western Europe
Spain, (15-64), 2001 2.6
Ireland,[2](18+), 2002 2.4
United Kingdom, (16-59), 2003 2.1
Netherlands, (15-64), 2001 1.1
Italy, (15-44), 2001 1.1
Switzerland, 2002 0.9
Denmark, 2000 0.8
Belgium*,(18-65), 2000 0.8
Germany, (18-59), 2000 0.8
Norway, 1999 0.7
Iceland, 1999 0.7
Austria, 2002 0.6
Luxembourg*, 2002 0.6
Greece,1998 0.5
Portugal, 2001 0.3
Malta, 2001 0.3
France, (15-64), 2002 0.3
Turkey[1]* 2003 0.3
Finland, 2000 0.2
Liechtenstein,2000 0.1
Cyprus, 1999 0.08
Sweden, (15-69), 2000 0.06
San Marino,1994 0.04
Monaco, 1994 0.01
OCEANIA
Australia, (15-64), 2001 1.5
New Zealand, (15-64), 2001 0.5
Papua, New Guinea, 1994 0.01
0.0% 0.5% 1 % 1.5% 2.0% 2.5% 3 %
*UNODC estimates based on local studies, special population group studies, and/or law enforcement agency assessments.
** Tentative estimate for the late 1990s.
Sources: Annual Report Questionnaires, Government Reports, US Department of State, European Monitoring Center for Drugs and Drug Abuse (EMCDDA)


COCAINE
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise mentioned)
AFRICA & AMERICAS
AFRICA
Southern Africa
South Africa, 2003 0.8
Zambia **, 2000 0.2
Namibia, 1998 0.2
Angola, 1999 0.1
East Africa
Kenya ** 0.1
Zimbabwe, 2000 0.1
North, West and Central Africa
Ghana, 1998 1.1
Nigeria, 1999 0.5
Sao Tome Principe, 1997 0.02
Sierra Leone, 1996 0.02
Chad, 1995 0.01
Morocco, 1999 0.01
AMERICA
Central America
Panama, 1998 1.4
Guatemala, 2001 1.0
Nicaragua*, 2001 1.0
Honduras, 2001 0.8
El Salvaor *, 2002 0.8
Belize*, 1998 0.6
Costa Rica *, 2000 0.4
North America
USA, (12+), 2002 2.5
Canada, (Ontario, 18+), 2000 1.2
Mexico, (12-65), 2002 0.4
South America
Argentina, (16-64), 1999 1.9
Colombia*, (15-64), 2001 1.6
Chile, (12-64),, 2002 1.6
Bolivia, (12+), 2000 1.1
Venezuela*, 2001 1.1
Ecuador, (12-49), 1995 0.9
Peru, (12-64), 2002 0.7
Paraguay *, 2001 0.6
Suriname *, 2002 0.5
Brazil, (12-65), 2001 0.4
Uruguay, 2001 0.3
The Caribbean
Aruba, 1997 1.3
St. Lucia*, 2002 1.0
Barbados*, 2002 1.0
Jamaica*, 2001 0.9
Dominican Rep., (12-70), 2000 0.9
Bahamas, 2001 0.8
St. Vincent Grenadines, 2002 0.7
Cayman Isl.*, 2000 0.6
Haiti, 2000 0.3
Antigua Barbuda, 2000 0.1
Grenada, 1998 0.02
Dominica, 1996 0.01
Montserrat, 1997 0.01
0.0% 0.5% 1.0% 1.5% 2.0% 2.5 % 3.0%

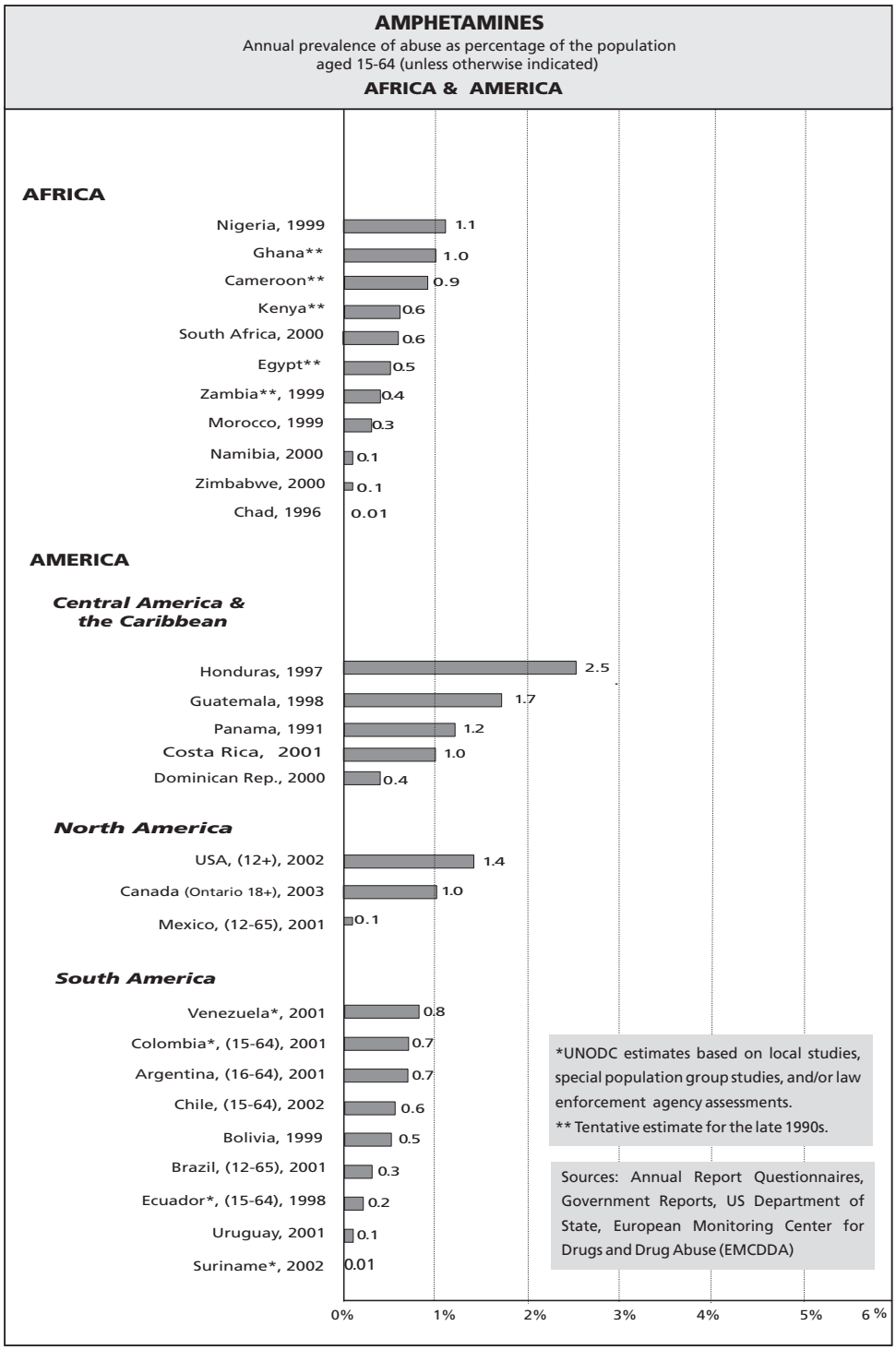
6.1.3. Cannabis

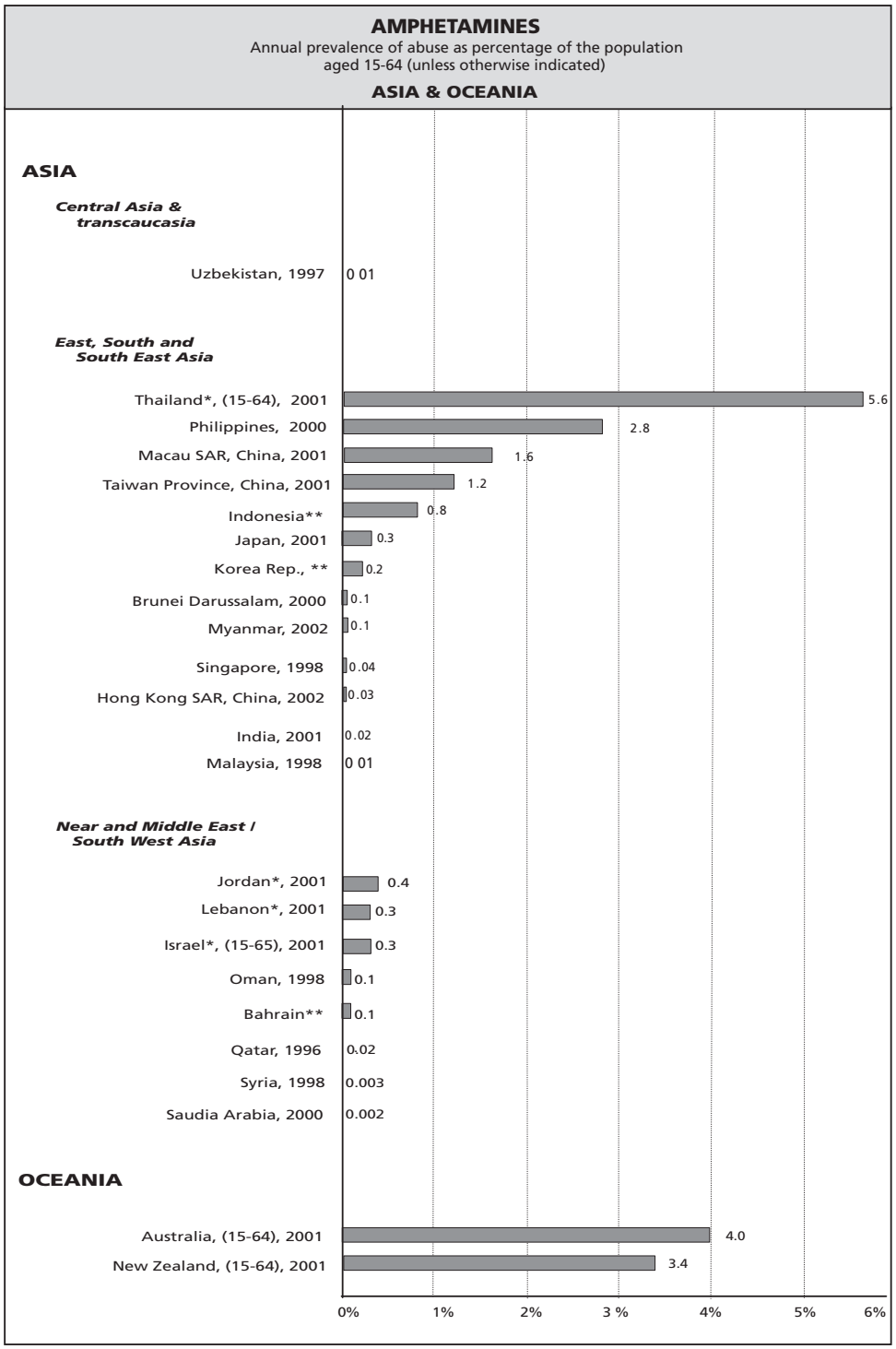


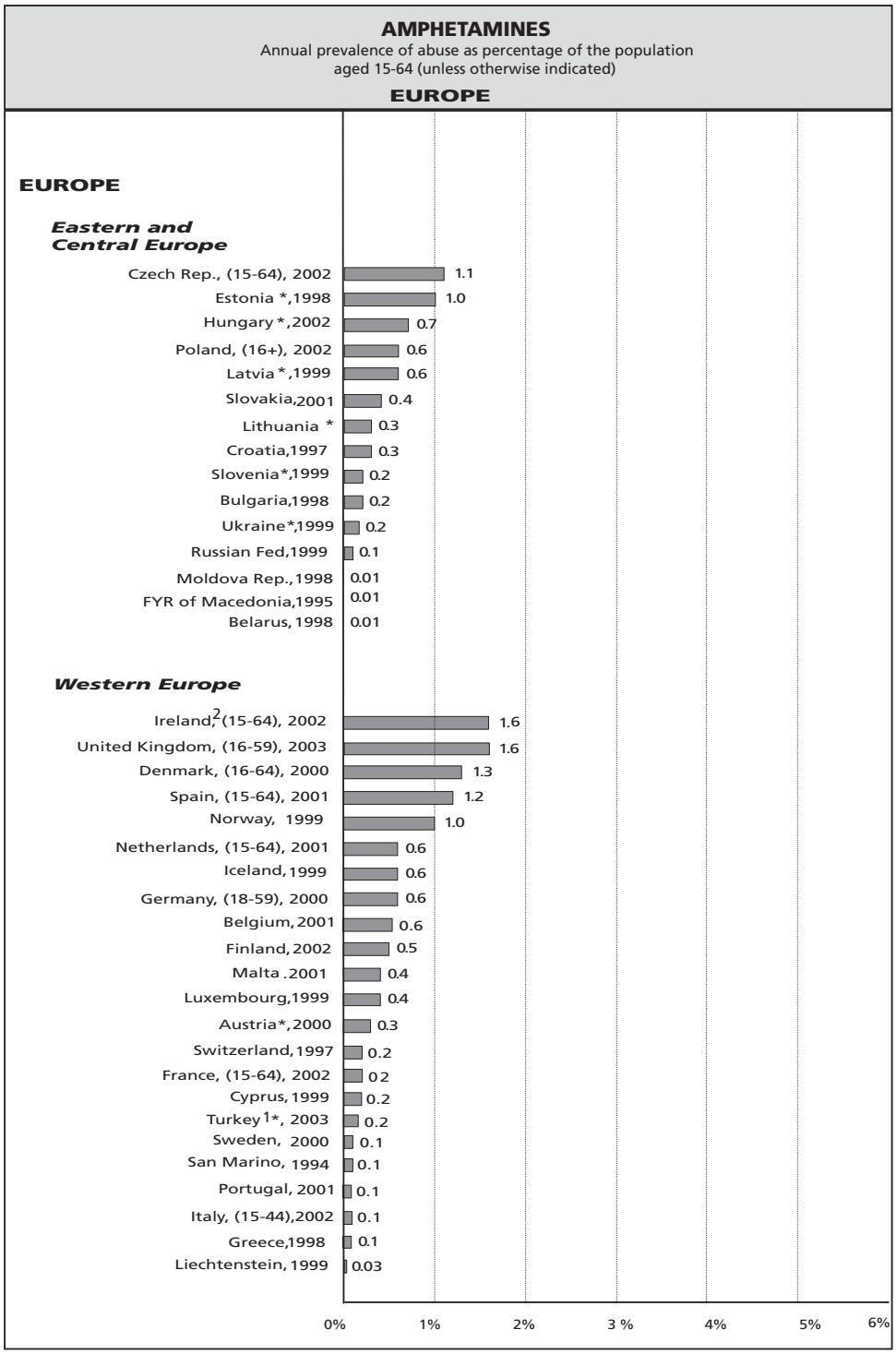

CANNABIS
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
EUROPE & OCEANIA
EUROPE
Eastern and Central Europe
Czech Rep., (15-64), 2002 10.9
Slovenia*, 1999 4.4
Russian Fed.*, 1999 3.9
Croatia, 1999 3.9
Ukraine*, 1999 3.6
Slovakia*, 1999 3.6
Latvia, 1999 3.1
Albania*, (15-24), 2001 2.6
Poland, (16+), 2000 2.4
Lithuania*, 1999 2.3
Hungary*, (18-65), 2001 2.2
Estonia, (18-70), 1998 2.0
Moldova Rep.*, 1998 1.8
Bulgaria, 1999 1.2
FYR of Macedonia, 1998 0.7
Belarus** 0.1
Western Europe
United Kingdom, (16-59), 2003 10.6
France, (15-64), 2002 9.8
Spain, 2001 9.7
Ireland[2], 18+, 2002 9.0
Switzerland, 1999 7.0
Denmark, (16-64), 2000 6.9
Italy, (15-44), 2002 6.2
Netherlands, (15-64), 2001 6.1
Belgium*, 2001 6.1
Germany, (18-59), 2000 6.0
Austria*, 2002 5.6
Iceland, 2000 5.0
Norway, 1999 4.5
Greece, (15-64), 1998 4.4
San Marino*, 1997 4.0
Luxembourg*, 1999 4.0
Portugal, 2001 3.3
Cyprus, 1999 3.3
Finland, (15-64), 2002 2.9
Turkey*[1], 2003 1.8
Sweden, (15-75), 2000 1.0
Malta, 2001 0.8
Liechtenstein, 2000 0.5
Monaco, 1996 0.4
OCEANIA
Papua New Guinea, 1995 29.5
Micronesia Fed. State, 1995 29.1
Australia, (15-64), 2001 15.0
New Zealand*, (15-64), 2001 13.4
New Caledonia** 1.9
Fiji, 1996 0.2
Vanuatu, 1997 0.1
0% 5% 10% 15% 20% 25%


CANNABIS
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
ASIA
ASIA
Central Asia and Transcaucasia
Kyrgystan*, 2001 6.4
Uzbekistan*, 2002 3.9
Tajikistan*, 1998 3.4
Kazakhstan, 2003 2.4
Azerbaijan*, 1998 1.1
Armenia*, 1998 0.8
Turkmenistan** 0.3
East and South-East Asia
Philippines** 3.5
Thailand, (12-65), 2001 1.5
Myanmar*, 2002 1.4
Cambodia** 1.3
Lao People's Dem Rep.*, 2002 0.7
China (Hong Kong SAR)** 0.6
Indonesia**, 2001 0.5
Malaysia, 2001 0.5
Taiwan, Province of China** 0.5
China*, 2001 0.3
Viet Nam* 2002 0.3
China, (Macao SAR)** 0.2
Japan, (15-99), 2001 0.1
Korea, Rep** 0.1
Singapore, 1998 0.03
Brunei Darussalam, 1996 0.02
Near and Middle East and South-West Asia
Afghanistan** 7.5
Lebanon, (15-64), 2001 6.4
Israel*, (15-64), 2001 5.7
Iran, Islamic Republic, 1999 4.2
Pakistan*, 1998 3.9
Jordan*, (15-64), 2001 2.1
Syrian Arab Rep.**, 2002 2
Bahrain** 0.4
Qatar, 1996 0.1
Oman, 1999 0.1
South Asia
Bangladesh, 1997 3.3
Nepal, 1998 3.2
India*, 2001 3.2
Sri Lanka, (15-64), 2000 1.6
Maldives, 1994 0.5
0% 5% 10% 15% 20% 25%

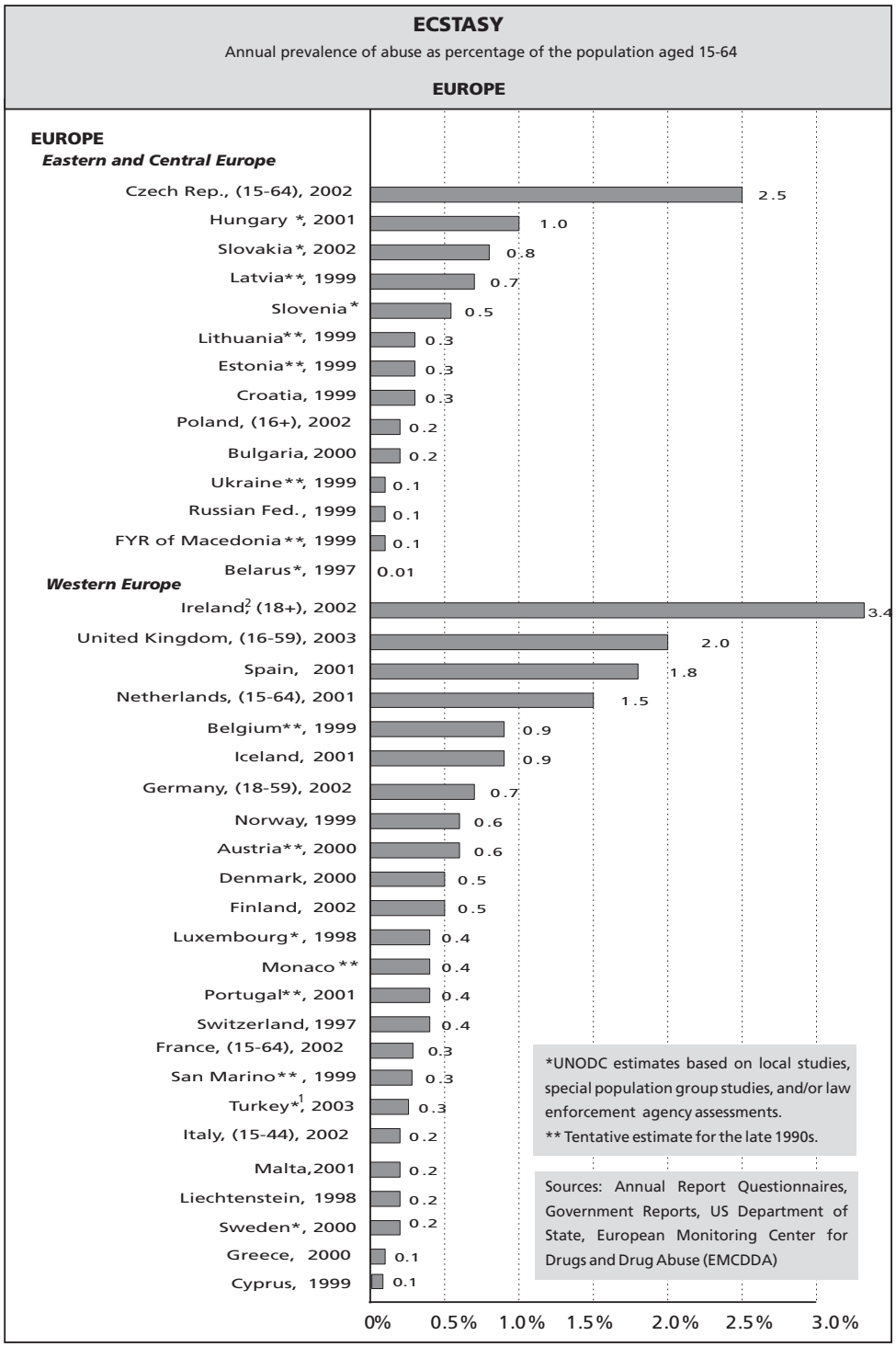
6.1.4. Amphetamines-type stimulants

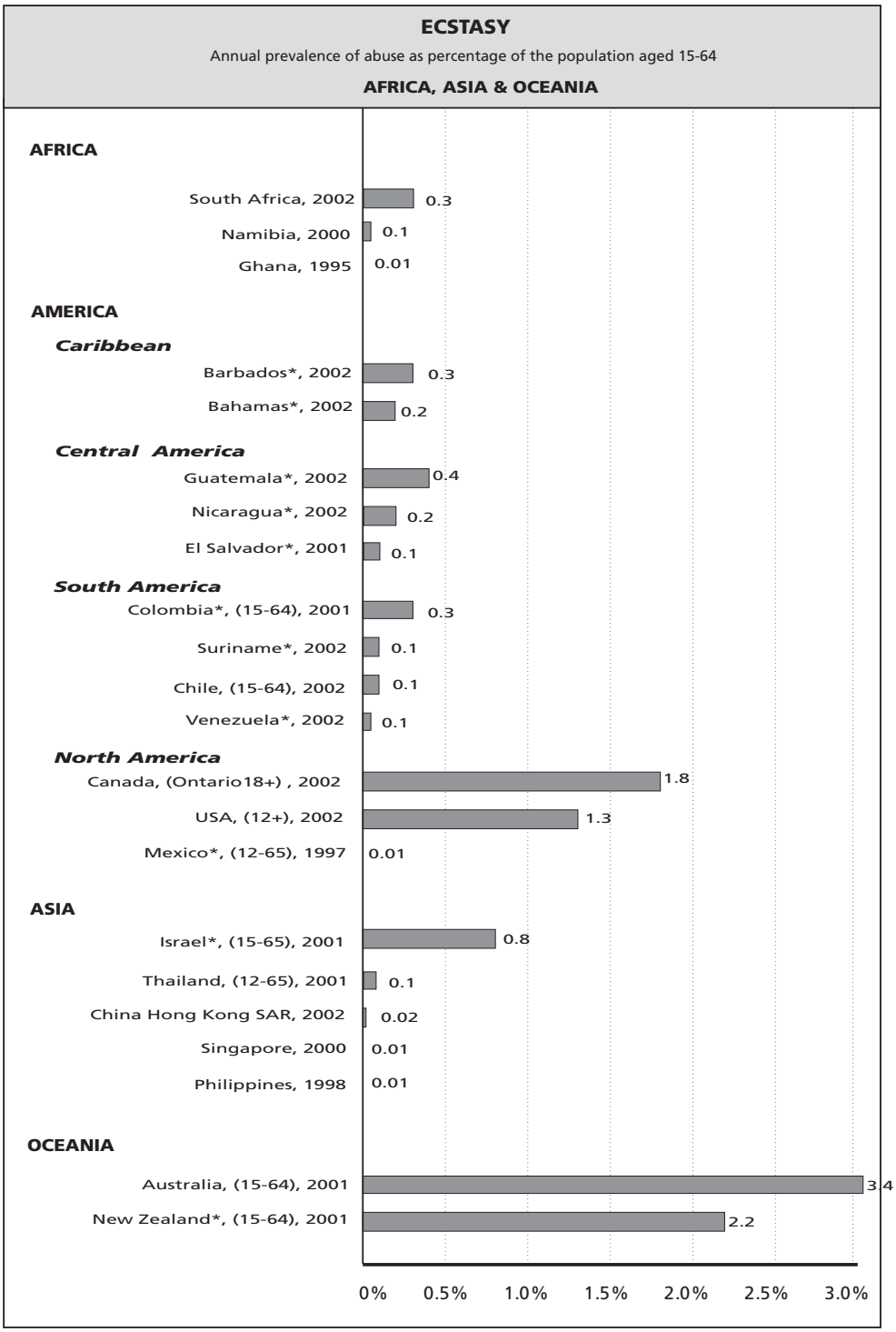



AMPHETAMINES
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
ASIA & OCEANIA
ASIA
Central Asia & transcaucasia
Uzbekistan, 1997
0.01
East, South and South East Asia
Thailand*, (15-64), 2001
5.6
Philippines, 2000
2.8
Macau SAR, China, 2001
1.6
Taiwan Province, China, 2001
1.2
Indonesia**
0.8
Japan, 2001
0.3
Korea Rep., **
0.2
Brunei Darussalam, 2000
0.1
Myanmar, 2002
0.1
Singapore, 1998
0.04
Hong Kong SAR, China, 2002
0.03
India, 2001
0.02
Malaysia, 1998
0.01
Near and Middle East / South West Asia
Jordan*, 2001
0.4
Lebanon*, 2001
0.3
Israel*, (15-65), 2001
0.3
Oman, 1998
0.1
Bahrain**
0.1
Qatar, 1996
0.02
Syria, 1998
0.003
Saudia Arabia, 2000
0.002
OCEANIA
Australia, (15-64), 2001
4.0
New Zealand, (15-64), 2001
3.4
0%
1%
2%
3 %
4%
5%
6%


AMPHETAMINES
Annual prevalence of abuse as percentage of the population aged 15-64 (unless otherwise indicated)
EUROPE
EUROPE
Eastern and Central Europe
Czech Rep., (15-64), 2002 1.1
Estonia *,1998 1.0
Hungary *,2002 0.7
Poland, (16+), 2002 0.6
Latvia *,1999 0.6
Slovakia,2001 0.4
Lithuania * 0.3
Croatia,1997 0.3
Slovenia*,1999 0.2
Bulgaria,1998 0.2
Ukraine*,1999 0.2
Russian Fed,1999 0.1
Moldova Rep.,1998 0.01
FYR of Macedonia,1995 0.01
Belarus, 1998 0.01
Western Europe
Ireland,[2](15-64), 2002 1.6
United Kingdom, (16-59), 2003 1.6
Denmark, (16-64), 2000 1.3
Spain, (15-64), 2001 1.2
Norway, 1999 1.0
Netherlands, (15-64), 2001 0.6
Iceland, 1999 0.6
Germany, (18-59), 2000 0.6
Belgium, 2001 0.6
Finland, 2002 0.5
Malta .2001 0.4
Luxembourg,1999 0.4
Austria*, 2000 0.3
Switzerland, 1997 0.2
France, (15-64), 2002 0.2
Cyprus, 1999 0.2
Turkey[1]*, 2003 0.2
Sweden, 2000 0.1
San Marino, 1994 0.1
Portugal, 2001 0.1
Italy, (15-44),2002 0.1
Greece,1998 0.1
Liechtenstein, 1999 0.03
0% 1% 2% 3 % 4% 5% 6%

6.1.5. Ecstasy


ECSTASY
Annual prevalence of abuse as percentage of the population aged 15-64
EUROPE
EUROPE
Eastern and Central Europe
Czech Rep., (15-64), 2002 2.5
Hungary *, 2001 1.0
Slovakia*, 2002 0.8
Latvia**, 1999 0.7
Slovenia* 0.5
Lithuania**, 1999 0.3
Estonia**, 1999 0.3
Croatia, 1999 0.3
Poland, (16+), 2002 0.2
Bulgaria, 2000 0.2
Ukraine**, 1999 0.1
Russian Fed., 1999 0.1
FYR of Macedonia**, 1999 0.1
Belarus*, 1997 0.01
Western Europe
Ireland[2], (18+), 2002 3.4
United Kingdom, (16-59), 2003 2.0
Spain, 2001 1.8
Netherlands, (15-64), 2001 1.5
Belgium**, 1999 0.9
Iceland, 2001 0.9
Germany, (18-59), 2002 0.7
Norway, 1999 0.6
Austria**, 2000 0.6
Denmark, 2000 0.5
Finland, 2002 0.5
Luxembourg*, 1998 0.4
Monaco** 0.4
Portugal**, 2001 0.4
Switzerland, 1997 0.4
France, (15-64), 2002 0.3
San Marino**, 1999 0.3
Turkey*[1], 2003 0.3
Italy, (15-44), 2002 0.2
Malta, 2001 0.2
Liechtenstein, 1998 0.2
Sweden*, 2000 0.2
Greece, 2000 0.1
Cyprus, 1999 0.1
0% 0.5% 1.0% 1.5% 2.0% 2.5% 3.0%
*UNODC estimates based on local studies, special population group studies, and/or law enforcement agency assessments.
** Tentative estimate for the late 1990s.
Sources: Annual Report Questionnaires, Government Reports, US Department of State, European Monitoring Center for Drugs and Drug Abuse (EMCDDA)


ECSTASY
Annual prevalence of abuse as percentage of the population aged 15-64
AFRICA, ASIA & OCEANIA
AFRICA
South Africa, 2002
0.3
Namibia, 2000
0.1
Ghana, 1995
0.01
AMERICA
Caribbean
Barbados*, 2002
0.3
Bahamas*, 2002
0.2
Central America
Guatemala*, 2002
0.4
Nicaragua*, 2002
0.2
El Salvador*, 2001
0.1
South America
Colombia*, (15-64), 2001
0.3
Suriname*, 2002
0.1
Chile, (15-64), 2002
0.1
Venezuela*, 2002
0.1
North America
Canada, (Ontario18+) , 2002
1.8
USA, (12+), 2002
1.3
Mexico*, (12-65), 1997
0.01
ASIA
Israel*, (15-65), 2001
0.8
Thailand, (12-65), 2001
0.1
China Hong Kong SAR, 2002
0.02
Singapore, 2000
0.01
Philippines, 1998
0.01
OCEANIA
Australia, (15-64), 2001
3.4
New Zealand*, (15-64), 2001
2.2
0%
0.5%
1.0%
1.5%
2.0%
2.5%
3.0%

Notes:

1. Estimates shown for Turkey for opiates are based on a study conducted by UNODC in cooperation with the Government of Turkey: *Drug Abuse in Turkey – Results from the Year 2003 National Assessment*. Estimates shown for Turkey for cannabis, cocaine, amphetamines and ecstasy were derived from school surveys among 15-16 year olds, conducted in Turkey in 2003, applying average transformation ratios found in neighbouring countries (other south-European countries). Using average transformation ratios of Western Europe as a whole, would have led to far higher estimates. These higher estimates were not used as a study conducted by the Turkish Psychological Association in 2002 suggested very low levels of drug abuse in Turkey. This study revealed an overall level of drug abuse of 0.3% in the country. The rate of cannabis dependence was found to amount to 0.15%. However, since data for other substances were not reported to UNODC at the time of preparation of the present report, results from this study could not be used.

2. The source of the data for Ireland shown in the graphs is the Centre for Health Promotion Studies, *The National Health & Lifestyle Surveys* (SLAN), April 2003, which in comparison with data from previous years, enables a trend analysis. The National Advisory Committee on Drugs (NACD) and the Drug and Alcohol Information and Research Unit (DAIRU), conducted a national household survey in 2002/2003 which provides a new source of estimates (not directly comparable, however, with the SLAN estimates). It found an annual prevalence of cannabis use among the population age 15-64 of 5.1%, of cocaine-type substances of 1.1%, of ecstasy-type substances of 1.1% and of amphetamine of 0.4%.

6.2. Treatment demand (Primary drugs of abuse)

PRIMARY DRUGS OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN WEST EUROPEAN COUNTRIES, 2002
2002 (or latest year available)

Country	Source	Year	Distribution of main drug in percentages						
			Opiates	Cocaine	Amphetamines	Ecstasy	Hallucinogens	Cannabis	Other Illegal Drugs
Austria	EMCDDA	2001	100.0%	-	-	-	-	-	-
Belgium*	Focal Point	2000	62.6%	6.0%	12.0%	2.0%	1.0%	17.3%	
Denmark	EMCDDA	2001	61.0%	6.7%	3%	1.0%	0%	17.0%	16.0%
Finland	EMCDDA	2001	32.9%	0.2%	31.1%	0.9%	0.2%	25.6%	9.1%
France	UNODC	2002	62.1%	7.3%	0.9%	1.40%	0.90%	23.2%	4.2%
Germany	EMCDDA	2001	51.7%	6.9%	8.7%	-	0.1%	27.2%	4.7%
Greece	EMCDDA	2001	89.8%	0.8%	0%	0.2%	0.10%	7.3%	1.4%
Ireland	EMCDDA	2000	67.9%	1.2%	0.6%	5.9%	0.2%	21.4%	2.8%
Italy	EMCDDA	2001	82.4%	5.8%	0.2%	0.8%	0.1%	8.2%	2.5%
Luxembourg	EMCDDA	2001	71.0%	7.0%	0%	1.0%	0%	17.0%	4.0%
Netherlands	EMCDDA	2001	50.4%	29.9%	1.5%	0.8%	0.2%	14.9%	2.3%
Portugal	EMCDDA	2000	38.7%	1.5%	-	0%	0%	2.3%	0.1%
Spain	EMCDDA	2001	70.7%	19.0%	0.5%	0.7%	0.2%	7.4%	1.5%
Sweden	EMCDDA	2001	25.0%	1%	29%	3%	0%	25.0%	17.0%
Unied Kingdom	EMCDDA	2001	77.5%	6.1%	2.7%	1.3%	0%	8.7%	3.6%
Average			**62.9%**	**7.1%**	**6.9%**	**1.5%**	**0.2%**	**15.9%**	**5.3%**

- Austria : data refers to clients in substitution treatment only: data on opiates as main drug are consequently 100%.
- Belgium : data for opiates, cocaine and cannabis refer to treatment centres in the French community in 2000; data for amphetamine and ecstasy refer to outpatient treatment in Belgium in 1999.
- Denmark : data on opiates refer to heroin only,
- Germany : data only refer to outpatient treatment centres; data on opiates refer to heroin only and data on hallucinogens to LSD.
- France: data refer to the annual census on clients in treatment carried out in November 1999
- Italy : data only refer to outpatient treatment centres; opiates refer to heroin only.
- Netherlands : data only refer to outpatient treatment centres.
- Portugal : data on treatment demand refers to interventions (not people): opiates only refer to heroin.
- Sweden : data only refer to outpatient treatment centres.
- UK : data relate to the period from 1 Oct. 2000 to 31 March 2001.

Sources: EMCDDA, 2001 Annual Report on the State of the Drug Problem in the European Union; Govt. reports.

PRIMARY DRUGS OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN EUROPE, 2002 (or latest year available)

City	Source	Year	Distribution of main drug in percentages							
					Amphetamine-type stimulants				Hypnotics	
			Opiates	Cocaine	Amphetamines	Ecstasy	Hallucinogens	Cannabis	and Sedatives	Inhalants/ solvents
Austria, Vienna	UNODC	1997	72.2 %							
Belgium	EMCDDA/Focal Point	2000	62.6%	6.0%	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %
Bulgaria	UNODC	1999	96.9%	0.5%	-	-	-	1.2 %	1.1 %	-
Croatia	UNODC	2002	71.5%	0.4%	-	1.7 %	-	24.2 %	1.9 %	0.4 %
Cyprus*	UNODC	1999	54.1%	7.7%	-	-	-	38.1 %	-	-
Czech Republic	UNODC	2002	25.0%	0.1%	51.9 %	2.5 %	-	16.8 %	-	3.7 %
Denmark	UNODC	2002	37.1%	3.0%	4.1 %	0.8 %	0.2 %	20.4 %	-	34.3 %
Finland	EMCDDA	2001	32.9%	0.2%	31.1 %	0.9 %	0.2 %	25.6 %	-	-
France	UNODC	2002	62.1%	7.3%	0.9 %	1.4 %	0.9 %	23.2 %	-	-
Germany	UNODC	2002	34.1%	11.9%	8.9 %	8.7 %	4.6 %	31.8 %	-	-
Greece	UNODC	2002	50.5%	0.7%	-	0.2 %	-	47.3 %	0.7 %	-
Hungary	UNODC	2002	29.1%	2.4%	3.9 %	2.3 %	-	15.6 %	46.7 %	-
Iceland	UNODC	2001	0.1%	7.1%	65.6 %	0.9 %	-	26.3 %	-	-
Ireland	UNODC	2002	76.7%	1.1%	0.4 %	4.2 %	-	15.4 %	1.4 %	-
Italy	UNODC	2002	80.5%	7.0%	-	1.0 %	-	9.0 %	0.6 %	-
Latvia	UNODC	2002	82.5%	0.3%	3.5 %	-	-	0.7 %	3.9 %	-
Liechtenstein	UNODC	2002	17.2%	17.2%	6.9 %	-	-	58.3 %	-	-
Lithuania	UNODC	2002	81.7%	0.1%	2.6 %	-	-	0.8 %	-	4.0 %
Luxembourg	UNODC	2001	80.0%	5.2%	1.7 %	1.7 %	-	11.3 %	-	-
Malta	UNODC	2001	100.0%	0.0%	-	-	-	-	-	-
Poland	UNODC	2002	65.2%	0.3%	9.6 %	-	1.1 %	4.7 %	12.9 %	6.0 %
Portugal	UNODC	2000	90.8%	3.5%	-	-	-	5.4 %	0.2 %	-
Romania	UNODC	2002	81.7%	0.2%	1.7 %	0.8 %	1.3 %	0.9 %	-	13.5 %
Russian Fed.	UNODC	2001	61.5%	0.1%	3.5 %	-	-	13.5 %	-	-
Slovakia	UNODC	2002	65.6%	0.6%	9.2 %	0.4 %	-	10.6 %	5.7 %	8.0 %
Slovenia	UNODC	2002	90.8%	0.6%	0.4 %	0.4 %	-	7.7 %	-	-
Spain	UNODC	2002	71.1%	19.1%	0.5 %	0.7 %	0.2 %	7.5 %	-	-
Sweden	UNODC	2002	40.4%	2.0%	34.3 %	1.5 %	-	13.5 %	7.0 %	-
Switzerland, Geneva	UNODC	1997	93.6%	0.6%	1.9 %	-	-	1.9 %	1.3 %	-
The Netherlands	UNODC	2002	62.2%	23.2%	1.7 %	0.8 %	-	12.1 %	-	-
Turkey	UNODC	2001	58.6%	0.0%	-	-	-	13.0 %	8.0 %	20.5 %
UK	UNODC	2002	69.3%	6.2%	2.8 %	1.3 %	-	8.8 %	2.3 %	-
Average			61.4%	4.3%	8.4%	1.4%	0.7%	15.4%	3.4%	3.3%

This table does not include "other drugs", therefore the percentages may not add up to 100%.

* First Treatment Demand

Sources: UNODC, Annual Reports Questionnaire Data, EMCDDA, Data Library.

PRIMARY DRUGS OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN ASIA, 2002 (or latest year available)

Distribution of main drug in percentages									
City	Source	Year	Opiates	Cocaine	Amphetamine-type stimulants		Cannabis	Inhalants	Sedatives
					Amphetamines	Ecstasy			
Azerbaijan	ARQ	1999	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bahrein	ARQ	1998	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bangladesh	ARQ	2002	86.5%	0.0%	0.0%	0.0%	9.8%	0.0%	1.8%
Brunei Darussalam	ARQ	1999	0.0%	0.0%	96.4%	0.0%	0.0%	3.6%	0.0%
China	Govt. Rep.	2003	74.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hongkong, SAR of China	Govt	2000	91.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
India	UNODC/Govt. Study	2002	57.5%	3.8%	0.4%	0.0%	25.6%	0.0%	0.0%
Indonesia	ARQ	2002	56.0%	0.0%	28.6%	0.0%	15.4%	0.0%	0.0%
Iran	ARQ	1999	96.3%	0.0%	0.0%	0.0%	2.5%	0.0%	0.0%
Japan	Govt	2000	0.4%	0.0%	60.5%	0.0%	0.5%	18.8%	0.0%
Jordan	ARQ	1999	21.4%	0.0%	45.2%	0.0%	0.0%	6%	0.0%
Kazakhstan	ARQ	2000	74.6%	0.0%	0.1%	0.0%	20%	0.0%	0.0%
Kuwait	ARQ	2001	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kyrgyzstan	ARQ	2002	71.4%	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%
Macao, SAR of China	ARQ	2002	96.6%	0.0%	2.6%	0.0%	0.0%	0.0%	0.7%
Malaysia, Penang	AMCEWG	2001	76.0%	0.0%	0.2%	0.2%	27.0%	0.0%	0.0%
Maldives	ARQ	1998	50.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
Mongolia	ARQ	2001	71.4%	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%
Myanmar	ARQ	2002	91.8%	0.0%	5.9%	0.0%	1.5%	0.0%	0.0%
Nepal, Kathmandu	AMCEWG	1994	87.2%	0.0%	0.0%	0.0%	5.4%	0.0%	0.0%
Oman	ARQ	2002	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Pakistan	ARQ/UNODC Study	2002	97.6%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%
Philippines	ARQ	2001	0.0%	0.0%	75.5%	0.0%	24.5%	0.0%	0.0%
Qatar	ARQ	1997	25.4%	0.0%	1.7%	0.0%	5.1%	10.2%	0.0%
Republic of Korea	ARQ	2002	1.0%	0.0%	83.2%	1.0%	13.1%	0.0%	0.0%
Saudi Arabia	ARQ	2001	15.1%	0.0%	41.3%	0.0%	15.9%	27.8%	0.0%
Singapore	ARQ	2001	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sri Lanka	ARQ	2001	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Taiwan, Province of China	AMCEWG	1999	37.5%	0.0%	44.8%	0.0%	0.0%	8.2%	7.2%
Tajikistan	ARQ	2002	98.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%
Thailand	Govt. Rep.	2001	40.8%	0.0%	56.2%	0.0%	1.4%	1.5%	0.0%
Uzbekistan	ARQ	2002	79.4%	0.0%	0.0%	0.0%	16.3%	0.6%	0.6%
Viet Nam	AMCEWG	2001	98.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%
Average			**66.5%**	**0.1%**	**16.5%**	**0.0%**	**8.6%**	**2.2%**	**0.3%**

This table does not include hallucinogens and "other drugs", therefore the percentages may not add up to 100% for all cities.

Sources: UNODC, Annual Reports Questionnaire Data; Asian Multicity Epidemiology work group (AMCEWG); Govt. reports

PRIMARY DRUGS OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN OCEANIA
2002 (or latest year available)

Country and year	Source	Year	Opiates	Cocaine	Cannabis	Amphetamie-type stimulants		Inhalants	Sedatives
						Amphetamines	Ecstasy		
Australia	Govt	2001	62.4%	1.0%	14.8%	13.2%	0.8%		3.8%
New Zealand*	Govt	1998/2003	31.7%	0.4%	23.1%	7.8%		3.2%	38.6%
Average			47.1%	0.7%	19.0%	10.5%	0.8%	3.2%	21.2%

* Data for New Zealand refer to 1998, the latest year for which a breakdown of drug related treatment data has been published; the proportion shown for amphetamines refers to 2003. The proportion of methamphetamine related telephone helpline calls is used as a proxy for the importance of methamphetamine in overall treatment. In 1998 0.4% of treatment cases concerned amphetamines; telephone helplines reported a major increase with regard to methamphetamine from 0.5% in 2001 to 1.4% in 2002 and 7.8% in 2003, in parallel, to hospital reports of strong increases in methamphetamine related cases.

PRIMARY DRUG OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN AFRICA, 2002 (or latest year available)

Country	Source	Year	Distribution of main drugs in percentages						
			Cannabis	Opiates	Cocaine	Amphetamine - type stimulants	Methaqualone	Inhalants	Khat
Algeria	ARQ	1999	81.3 %	6.6 %	0.2 %		-	2.1 %	-
Botswana	SENDU	2002	87.8 %	-	0.8 %		0.8 %	-	-
Cameroon*	RAS	1995	48.5 %	12.1 %	13.6 %		-	36.4 %	-
Chad	ARQ	1996	50.6 %	-	0.2 %	18.8 %	-	6.3 %	-
Congo	ARQ	1995	100.0 %	-			-	-	-
Cote d'Ivoire	ARQ	1998	91.0 %	4.1 %	3.0 %		-	-	-
Egypt	Field	1999	22.1 %	45.1 %	0.4 %		-	-	-
Ethiopia	ARQ	1999	14.6 %	9.6 %			-	-	75.6 %
Ghana	ARQ	2002	86.1 %	1.0 %	0.6 %		-	-	-
Kenya**	RAS	1995	33.8 %	4.8 %	2.9 %	5.2 %	-	20.5 %	14.3 %
Lesotho	SENDU	2002	100.0 %	-			-	-	-
Madagascar	EADIS	2002	87.3 %	-		0.4 %	-	-	-
Malawi	SENDU	2002	100.0 %	-			-	-	-
Mauritius	ARQ	2002	15.5 %	79.6 %	1.0 %		-	0.7 %	-
Mozambique	SENDU	2002	56.5 %	41.3 %	2.5 %		-	-	-
Namibia	SENDU	2002	35.2 %	-	16.5 %	5.0 %	42.8 %	-	-
Nigeria	ARQ	1997	63.9 %	3.5 %	9.7 %	15.3 %	-	7.6 %	-
Sao Tome & Principe	ARQ	1997	22.2 %	5.5 %	72.2 %		-	-	-
Seychelles	ARQ	2001/02	71.4 %	28.6 %	7.8 %	3.9 %	-	-	-
Sierra Leone	ARQ	1997	96.8 %	-	0.6 %		-	-	-
South Africa	ARQ	2002	48.2 %	12.2 %	13.3 %	2.7 %	23.7 %	-	-
Tanzania	ARQ	1999	95.2 %	4.8 %			-	-	-
Togo	ARQ	2001	90.7 %	0.1 %	0.3 %	0.3 %	-	-	-
Zambia	ARQ	2002	69.8 %	30.2 %			-	-	-
Average			**65.4 %**	**12.0 %**	**8.6 %**	**6.5 %**	**2.8 %**	**3.1 %**	**3.7 %**

* Proxy: drugs locally consumed, based on key informants from social services (health affairs,), from traditional healers, and repression

** Proxy: drugs consumed, based on health workers.

Source: UNODC Annual Reports Questionnaires

PRIMARY DRUGS OF ABUSE AMONG PERSONS TREATED FOR DRUG PROBLEMS IN THE AMERICAS, 2002 (or latest year available)

Country and year	Source	Year	Cocaine-type (cocaine, basuco & crack-cocaine)	Cocaine	Basuco	Crack	Cannabis	Amphetamine - type		Inhalants	Tranquilizers	Opiates
								Amphetamines	Ecstasy			
Argentina	ARQ	2002	51.7%				25.2%				13.6%	2.0%
Bahamas	ARQ	1998	93.0%				7.0%					
Barbados	SIDUC	1998	72.3%	5.6%		66.7%	27.8%					
Bolivia	SIDUC	1998	54.8%	23.1%	31.8%		14.7%	1.4%		23.5%		
Canada	CCENDU	2001	28.3%				27.2%	0.5%			35.1%	6.8%
Brazil	SIDUC	1999	59.2%	14.4%		44.8%	27.2%			2.0%	2.4%	0.4%
Chile	SIDUC	1998	89%	21.2%	67.8%		4.1%	4.1%				
Colombia	SIDUC	1998	56.3%	28.1%	28.2%		13.4%	3.6%		4.8%		
Costa Rica	ARQ	2002	44.2%	55.8%								
Dominican Rep.,	ARQ	2001	76.4%				20.0%					3.6%
Ecuador	SIDUC	1998	66.1%	13.5%	52.5%		10.2%			4.6%		
El Salvador	ARQ	1998	100.0%									
Grenada	ARQ	2001	56.3%				43.8%					
Guatemala	ARQ	2002	31.3%	62.5%				6.3%				
Haiti	ARQ	2002	40.0%				50.0%			10.0%		
Honduras	SIDUC	1998	9.0%	3.1%		5.9%	34.4%			9.0%		
Jamaica	SIDUC	1998	58%			58%	28.9%					
Mexico	ARQ	2002	35.1%				31.2%	6.8%		16.0%	8.0%	3.0%
Nicaragua	SIDUC	1998	77.3%	14.5%		62.8%	7.3%			12.7%		
Panama	SIDUC	1998	49.4%	48.9%	0.5%		5.1%			0.5%		
Peru	SIDUC	1998	90.8%	20.4%	70.4%		5.6%					
St.Vincent & Grenadines	ARQ	2001	13.4%				86.6%					
Trinidad & Tobago,	ARQ	2001	67.2%				32.8%					
Uruguay	SIDUC	1998	46.4%	46.4%			12.2%	0.6%		9.2%		
USA	TEDS	2002	22.5%	6.1%		16.4%	26.4%	11.7%	0.3%	0.1%	0.8%	30.8%
Venezuela	ARQ	2002	86.0%				12.8%	0.2%	0.2%	0.3%		0.9%
Unweighted average			**56.7%**				**26.9%**	**3.9%**	**0.2%**	**7.7%**	**12.0%**	**1.8%**
Average North America			**28.6%**				**28.3%**	**6.3%**	**0.3%**	**8.1%**	**14.6%**	**13.6%**
Average South America			**60.4%**				**25.5%**	**0.7%**	**0.0%**	**3.3%**	**0.7%**	**0.3%**

Note: These drugs represent the most common drugs of impact across countries, therefore the percentages may not add up to 100% for all countries.

Sources: SIDUC, Treatment Centres Data 1998, Drug of impact; SIDUC 1997 Report; Treatment episode dataset TEDS, USA 1992-2 Treatment episode data set TEDS, USA 1992-2002; Secretaria Nacional Antidrogas, Brazil (Data refer to one treatment centre in Minas Gerais (985 cases); Canadian Community Epidemiology Network on Drug Use (CCENDU), Morbidity Statistics 2000/2001 (separations related to illicit drug use).

Methodology

Considerable efforts have been made over the last few years to improve all available drug related estimates. The data must still be interpreted with caution because of the clandestine nature of drug production, trafficking and abuse. Apart from the 'hidden' nature of the phenomenon being measured, the main problems with regard to data relate to the irregularity and incompleteness in reporting. This affects the quantity, quality and comparability of information received. First, the irregular intervals at which some Governments report may result in absence of data in some years but availability in others. The lack of regular data, for which UNODC tries to compensate by reference to other sources, can influence trend patterns. Secondly, submitted questionnaires are not always complete or sufficiently comprehensive. All figures should thus be seen as likely orders of magnitude of the drug problem, but not as precise results. It should be also noted that all figures provided, particularly those of more recent years, are subject to updating.

Sources and limitations of data on the supply side

Cultivation, production and manufacture

Global estimates are, in general, more robust on the production side, notably data for plant based drugs, than on the demand side. In line with decisions of the Member States (1998 UNGASS and subsequent CND resolutions), UNODC launched an Illicit Crop Monitoring Programme (ICMP) in 1999. The objective of the programme is to assist Member States in establishing national systems to monitor the extent and evolution of the illicit cultivation of narcotics crops on their territories. The results are compiled by UNODC to present global estimates on an annual basis. Data on cultivation of opium poppy and coca bush and production of opium and coca leaf, presented in this report for the main producing countries (Afghanistan, Myanmar and the Lao PDR for opium and Colombia, Peru and Bolivia for coca) have been derived from these national monitoring systems operating in the countries of illicit production. UNODC also conducted in 2003, for the first time, a survey on cannabis resin production in Morocco, in close cooperation with the Government of Morocco. Estimates for other countries presented in this report have been drawn from various other sources including reports from Governments, UNODC field offices and the United States Department of State's Bureau for International Narcotics and Law Enforcement Affairs.

The key indicator for measuring progress made towards the supply reduction goals set out in the UNGASS Political Declaration of June 1998 is the area under cultivation of narcotic crops. Since 1999, UNODC has been supporting the establishment of national monitoring systems in the main narcotics production countries. These monitoring systems are tailored to national specificities. The direct participation of UNODC ensures the transparency of the survey activities. Through its network of monitoring experts at headquarters and in the field, the UNODC ensures the conformity of the national systems so that they meet international methodological standards and the information requirements of the international community. Most of these monitoring systems rely on remote sensing technology (i.e. analysis of satellite imagery) in combination with extensive field visits which is made possible through UNODC's field presence in all of the main narcotics producing countries. Satellite images, in combination with ground information, offer a reliable and objective way of estimating illicit crops. Depending on the local conditions, the surveys are conducted either on a census approach (coca cultivation in Colombia, Peru and Bolivia, cannabis cultivation in Morocco) or a sample approach (opium poppy cultivation in Afghanistan, Myanmar and Laos). In addition, the ground surveys made possible through UNODC's field presence in all of the main narcotics producing countries, assist UNODC to obtain information on yields, drug prices and various other socio-economic data that is useful for alternative development interventions. Detailed discussion of the methodological approaches can be found on www.unodc.org/unodc/en/crop_monitoring.

UNODC has also started to conduct yield surveys in some countries, measuring the yield of test fields, and to develop methodologies to extrapolate the yields from proxy variables such as the volume of poppy capsules. All of this is intended to further improve yield estimates, aiming at information that is independent from farmers' reports. In countries in which UNODC has not, as yet, undertaken yield surveys, results from other surveys conducted at the national level are used. This is currently still the case in all of the Andean countries. The disadvantage of having to take recourse to yield data from other sources is that year on year variations, due to

weather conditions, or due to the introduction of improved seeds, fertilizers and pesticides, are not properly reflected in the end results.

More problematic, in general, are the transformation ratios used to calculate the potential cocaine production from coca leaf or the heroin production from opium. In order to be precise, these calculations would require detailed information at the local level on the morphine content in opium or the cocaine content in the coca leaf, as well as detailed information on the clandestine laboratory efficiency, which in turn is a function of know-how, equipment and precursor chemicals. This information is not available. However, a number of studies conducted by enforcement agencies in the main drug producing countries have provided some orders of magnitude for the transformation from the raw material to the end product. Nonetheless, potential margins of error in this rapidly changing environment, with new laboratories coming on stream while others are being dismantled, are still substantial. This also applies to the question of the psychoactive content of the narcotic plants. One recent study conducted by UNODC in Afghanistan indicated that the morphine content of Afghan opium could be significantly higher than was thought so far. This could mean higher levels of heroin production than those estimated earlier. However, little is known about laboratory efficiency in Afghanistan and neighbouring countries, or about the wastage in clandestine manufacturing or losses in Afghan heroin shipments. As a consequence, UNODC has not changed the traditional 10:1 ratio for converting opium into heroin.

'Potential' heroin or cocaine production, the indicator used throughout this report, shows the level of production of heroin or cocaine if all of the opium or coca leaf were transformed into the end products. In reality, however, part of the opium or the coca leaf is directly consumed in the producing countries or in neighbouring countries, prior to the transformation into heroin or cocaine. There are important illicit opium markets in Iran or Pakistan and coca leaf is used by the local population in Bolivia, Peru and northern Chile. In addition, significant quantities of the intermediate products, coca paste or morphine, are also consumed in the producing countries.

As the transformation ratios used are rather conservative, total 'potential' production, however, may well be close to 'actual' production of the end products if one takes the *de-facto* lower amounts available for starting the transformation process into account. There are thus two kinds of potential biases in the estimates which (at least partly) can be expected to offset each other.

The use of the concept of 'potential production' at the country level also means that actual heroin or cocaine production is under-estimated in some countries, and over-estimated in others while the estimate for the global level should not be affected by this. The calculation of 'potential' cocaine production estimates for Peru, for instance, exceeds actual local cocaine production as significant amounts of the coca paste or coca base produced in Peru are exported to neighbouring Colombia for further processing into cocaine. Based on the same reasoning, potential cocaine production estimates for Colombia under-estimate actual cocaine production in the country. Actual cocaine manufacture in Colombia takes place from locally produced coca leaf as well as from coca base imported from Peru.

In the case of cannabis, the globally most dispersed illegal drug, all available production estimates were aggregated. In most cases, however, these estimates were not based on scientific studies and often referred to different years (as only a few countries provided such estimates in the last Annual Reports Questionnaire submitted to UNODC in 2003). The cannabis production estimate is thus less robust than the opium or cocaine estimates which are based on detailed surveys. Nonetheless, cross-checks with existing seizure statistics suggest that the magnitude of the overall cannabis estimate is probably correct. Plausibility considerations based on seizure statistics suggest that any lower production of cannabis herb was very unlikely, as this would have meant very high interception rates for cannabis. At the same time, UNODC's first scientific study on the extent of cannabis resin cultivation, conducted in Morocco, in combination with Member States reports of the origin of cannabis resin seizures, also fit well with the global cannabis herb estimates. The cannabis resin production data from Morocco suggested that significantly higher cannabis herb production estimates were unlikely as this would have meant that law enforcement – worldwide – was only concentrating on cannabis resin and ignoring cannabis herb. The strong efforts undertaken by enforcement agencies in North America (notably in Mexico and the USA), resulting in the bulk of global cannabis herb seizures, do not provide evidence that this was the case at the global level. Thus plausibility consideration established both a lower limit and an upper limit at around the current cannabis production estimates. Though the resulting global cannabis herb and global cannabis resin estimates cannot be considered to be very precise, they show magnitudes that are in line with

existing data from other sources, and they also enable the establishment of a trend, which is in line with trafficking and abuse estimates.

The potential margins of error for synthetic drugs, such as the ATS, are similar to those of the cannabis estimates, and thus significantly larger than the estimates for heroin or cocaine. The approach taken in this case was one of triangulation, estimating production based on reported seizures of the end products in combination with some assumptions of law enforcement effectiveness, seizure data of precursor chemicals and estimates based on the number of consumers and their likely levels of *per capita* consumption. While each individual calculation may well raise some questions, the overall results of the three approaches showed similar orders of magnitude, suggesting that actual production levels of ATS may not be too far-off from the resulting mid-point estimates.

This approach, however, does not enable year-on-year production estimates for the ATS. An indirect indicator for the evolution of clandestine manufacturing activities is the detection and dismantling of laboratories producing ATS. This indicator has shown a clear increase over the last decade, in line with observations of increased trafficking and abuse. The validity of this trend indicator is, however, limited. There is, first of all, a serious problem of irregular reporting by Member States. There are also problems of consistency in reporting. For example, some countries include "kitchen" laboratories in the total number of manufacturing sites detected while others only count fully equipped clandestine laboratories. By the same token, if a country changes its reporting practice to include "kitchen" laboratories, when it earlier excluded them, the picture can be potentially distorted.

Trafficking

The information on trafficking, as presented in this report, is mainly drawn from the Annual Reports Questionnaires (ARQ), submitted by Governments to UNODC in 2003 and early 2004 and refers to the year 2002 (and previous years). Additional sources, such as other governmental reports, the International Criminal Police Organization (Interpol), the World Customs Organization (WCO) and UNODC's field offices, were used to supplement the information. Priority was, however, given to officially transmitted data in the Annual Reports Questionnaire. The analysis of quantities seized, shown in this report, was based on information provided by 165 countries & territories in 2000, 161 in 2001 and 152 in 2002. Seizures are thus the most comprehensive indicator of the drug situation and its evolution at the global level. Though they may not always reflect trafficking trends correctly at the national level, they tend to show good representations of trafficking trends at the regional and global levels.

There are some technical problems as – depending on the drugs - some countries report seizures in weight terms (kg), in volume terms (litres) while other countries report seizures in 'unit terms'. In Volume II, seizures are shown as reported. In the analytical sections of Volume I of the report, seizure data have been aggregated and transformed into a unique measurement: seizures in 'kilogram equivalents'. For the purposes of the calculations a 'typical consumption unit' (at street purity) was assumed to be: cannabis herb: 0.5 grams, cannabis resin: 0.135 grams; cocaine and ecstasy: 0.1 grams, heroin and amphetamines: 0.03 grams, LSD: 0.00005 grams (50 micrograms). A litre of seizures was assumed to be equivalent to a kilogram. For opiate seizures, it was assumed that 10 kg of opium were equivalent to 1 kg of morphine or heroin. Though all of these transformation ratios can be disputed, they at least provide a possibility of combining all the different seizure reports into one comprehensive measure. The transformation ratios have been derived from those used by law enforcement agencies, in the scientific literature, by the INCB, and were established in consultation with UNODC's Laboratory and Scientific Section.

Seizures are used as an indicator for trends and patterns in trafficking. In combination with changes in drug prices or drug purities, changes in seizures can indicate whether trafficking has increased or declined. Increases in seizures in combination with stable or falling drug prices is a strong indication of rising trafficking activities. Increasing seizures and rising drug prices, in contrast, may be a reflection of improved enforcement effectiveness. Changes in trafficking can also serve as an indirect indicator for global production and abuse of drugs. Seizures are, of course, only an indirect indicator for trafficking activities, influenced by a number of additional factors, such as variations in law enforcement practices and changes in reporting modalities. Thus, the extent to which seizure statistics from some countries constitute all reported national cases, regardless of the final destination of the illicit drug, can vary and makes it sometimes difficult to assess actual trafficking activities. The problem is exacerbated by increasing amounts of drugs being seized in countries along the main transit routes, the increasing use of 'controlled deliveries', in which countries forego the possibility of seizing drugs immediately in order to identify whole trafficking networks operating across countries, and 'upstream

disruptions', making use of intelligence information to inform partner countries and enable them to seize such deliveries prior to entering the country of final destination. Some of the increase of cocaine seizures in the Andean countries and declines of such seizures in North America and Western Europe in 2002, for instance, may have been linked to such upstream market disruptions.

However, over longer periods of time and over larger geographical entities, seizures have proven to be a good indicator to reveal underlying trafficking trends. While seizures at the national level may be influenced by large quantities of drugs in transit or by shifts in law enforcement priorities, it is not very likely that the same is true at the regional or at the global level. If a large drug shipment, while in transit, is taken out of the market in one country, fewer drugs will be probably seized in the neighbouring countries. Similarly, if enforcement efforts and thus seizures decline in one country, the neighbouring countries are likely to suffer from intensified trafficking activities, resulting in rising levels of seizures. The net results, emerging from changes of enforcement priorities of an individual country, are thus, in general, not significant at the regional or at the global level. Actual changes in trafficking can thus be considered to be among the main reasons for changes in seizures at the regional level or the global level. Indeed, comparisons, on a time-series basis, of different indicators with statistical dependence have shown strong correlations (e.g. global opium production estimates and global seizures of opiates, or global coca leaf production and global cocaine seizures), supporting the statistical worth of seizure statistics at regional and global levels. At the same time, data also show that interception rates have gradually increased over the last decade, reflecting improved law enforcement effectiveness at the global level.

Sources and limitations of data on consumption

Extent of drug abuse

a. Overview

UNODC estimates of the extent of drug abuse in the world have been published periodically since 1997 (see *World Drug Reports 1997* and *2000,* and *Global Illicit Drug Trends 2002 and 2003)*. The fifth round of estimates, presented in this report, is based on information received until April 2004.

Assessing the extent of drug abuse (the number of drug abusers) is a particularly difficult undertaking because it involves measuring the size of a hidden population. Margins of error are considerable, and tend to multiply as the scale of estimation is raised, from local to national, regional and global levels. Despite some improvements in recent years, estimates provided by member states to UNODC are still very heterogeneous in terms of quality and reliability. These estimates cannot simply be aggregated globally to arrive at the total number of drug users in the world. Yet it is both desirable and possible to establish basic orders of magnitude - which are obviously subject to revision as new and better information is generated.

A global estimate of the level of abuse of specific drugs involves the following steps:

1. Identification and analysis of appropriate sources.
2. Identification of key benchmark figures for the level of drug abuse in selected countries (annual prevalence of drug abuse among the general population age 15-64) which then serve as 'anchor points' for subsequent calculations.
3. ' Standardization' of existing data (e.g. from age group 12 and above to a standard age group of 15-64).
4. Extrapolation of existing results based on information from neighbouring countries with similar cultural, social and economic situations (e.g. life-time prevalence or current use to annual prevalence, or school survey results to annual prevalence among the general population).
5. Extrapolation of available results from countries in a region to the region as a whole, using all available quantitative and qualitative information.
6. Aggregation of regional results to arrive at global results.

Estimates of illicit consumption for a large number of countries have been received by UNODC over the years (in the form of Annual Reports Questionnaires (ARQ) submitted by Governments), and been identified from additional sources, such as other governmental reports and research results from scientific literature. Officially transmitted information in any specific year, however, would not suffice to establish global estimates. In 2002, for instance, only 59 countries provided UNODC with quantitative estimates of the drug situation in their

country, including 44 countries providing estimates of the prevalence of drug consumption among the general population and 56 countries providing estimates of prevalence of drug use among their student populations. For countries that did not submit information, other sources, where available, were identified. Alternatively, information provided by Governments in previous years was used. In such cases, the prevalence rates were left unchanged and applied to new population estimates for the year 2002. In addition, a number of estimates needed to be 'adjusted' (see below). Using all of these sources, estimates were established for 135 countries and then aggregated into the global estimate.

Detailed information is available from countries in North America, a large number of countries in Europe, a number of countries in South America, a few countries in Oceania (though including the two largest countries) and a limited number of countries in Asia and in Africa. For other countries, available qualitative information on the drug abuse situation only allows for some 'guess estimates'. In the case of complete data gaps for individual countries, it was assumed that drug abuse was likely to be close to the respective sub-regional average, unless other available indicators suggested that they were likely to be above or below such an average.

One key problem in currently available prevalence estimates from countries is still the level of accuracy, which varies strongly from country to country. While a number of estimates are based on sound epidemiological surveys, some are obviously the result of guesswork. In other cases, the estimates simply reflect the aggregate number of drug addicts found in drug registries which probably cover only a small fraction of the total drug abusing population in a country.

Even in cases where detailed information is available, there is often considerable divergence in definitions used - registry data (people in contact with the treatment system or the judicial system) versus survey data (usually extrapolation of results obtained through interviews of a selected sample); general population versus specific surveys of groups in terms of age (e.g. school surveys), special settings (such as hospitals or prisons), life-time, annual, or monthly prevalence, etc.

In order to reduce the error from simply aggregating such diverse estimates, an attempt was made to standardize - as a far as possible - the very heterogeneous data set. Thus, all available estimates were transformed into one single indicator – annual prevalence among the general population age 15 to 64 and above - using transformation ratios derived from analysis of the situation in neighbouring countries, and if such data were not available, on estimates from the USA, the most studied country worldwide with regard to drug abuse.

The basic assumption is that the level of drug use differs between countries, but that there are general patterns (e.g. lifetime time prevalence is higher than annual prevalence; young people consume more drugs than older people) which apply universally. It also assumed that the ratio between lifetime prevalence and annual prevalence among the general population or between lifetime prevalence among young people and annual prevalence among the general population, do not vary too much among countries with similar social, cultural and economic situation. Various calculations of long-term data from a number of countries seem to confirm these assumptions.

In order to minimize the potential error from the use of different methodological approaches, all available estimates for the same country - after transformation - were taken into consideration and - unless methodological considerations suggested a clear superiority of one method over another - the mean of the various estimates was calculated and used as UNODC's country estimate.

b. Indicators used

The most widely used indicator at the global level is the annual prevalence rate: the number of people who have consumed an illicit drug at least once in the last twelve months prior to the survey. As "annual prevalence" is the most commonly used indicator to measure prevalence, it has been adopted by UNODC as the key indicator to measure the extent of drug abuse. It is also part of the Lisbon Consensus[a] (20-21 January 2000) on

[a] The basic indicators to monitor drug abuse, agreed by all participating organizations that formed part of the Lisbon Consensus in 2000, are:
- Drug consumption among the general population (estimates of prevalence and incidence);
- Drug consumption among the youth population (estimates of prevalence and incidence);
- High-risk drug abuse (estimates of the number of injecting drug users and the proportion engaged in high-risk behaviour, estimates of the number of daily drug users);
- Utilization of services for drug problems (number of individuals seeking help for drug problems);
- Drug-related morbidity (prevalence of HIV, hepatitis B virus and hepatitis C virus among illicit drug consumers);
- Drug-related mortality (deaths directly attributable to drug consumption).

core epidemiological demand indicators (CN.7/2000/CRP.3). The use of "annual prevalence" is a compromise between "life-time prevalence" data (drug use at least once in a life-time) and data on current use. Lifetime prevalence data are, in general, easier to generate but are not very illustrative. (The fact that a 50-year-old person smoked marijuana at the age of 20 does not provide much insight into the current drug abuse problem). Data on current use (e.g. monthly prevalence) are of more value. However, they often require larger samples in order to obtain meaningful results, and are thus more costly to generate.

The "annual prevalence" rate is usually shown as a percentage of the youth and adult population. The definitions of the age groups vary, however, from country to country. Given a highly skewed distribution of drug abuse among the different age cohorts in most countries (youth and young adults tend to have substantially higher prevalence rates than older adults or retired persons), differences in the age groups can lead to substantially diverging results. Typical age groups used are: 12+; 16-59; 12-60; 15+; 18+; 18-60; 15-45; 15-75; and increasingly age 15-64. In the past UNODC reported the prevalence rate in percent of the population age 15+. The new Annual Reports Questionnaire adopted by Member States stipulates the age group 15-64 as the key population group for which drug abuse it to be measured. Thus, prevalence data in this report are now reported for the age group 15-64. In case the age groups reported by Member States did not differ significantly from the 15-64 age group, they were presented as reported and the age group was explicitly added. In cases where studies were based on significantly different age groups (e.g. age 15-45) and there were reasons to believe that drug use would be different among those 15-64, results were adjusted to the age group of 15-64. (See below).

The methods used for collecting data on illicit activities vary from country to country. This reduces comparability. Possibilities to reduce differences – ex post – arising due to different methodological approaches are limited. UNODC thus welcomes efforts at the regional level to arrive at more comparable data (as is currently the case in Europe under the auspices of EMCDDA and in the Americas under the auspices of CICAD).

In a number of cases, diverging results are also obtained for the same country, applying differing methodological approaches. In such cases, the sources were analysed in-depth and priority was given to the methodological approaches that are usually also used in other countries. For example, it is generally accepted that household surveys are reasonably good instruments to estimate cannabis, ATS or cocaine abuse among the general population. Thus household survey results were usually given priority over other sources of prevalence estimates, such as reported registry data from the police or from treatment providers.

However, when it comes to heroin abuse (or drug injecting), there seems to be a general agreement that annual prevalence data derived from national household surveys tend to grossly under-estimate such abuse because severe heroin addicts often do not live in households[b] They are often homeless, in hospitals or in prisons. Moreover, heroin abuse is highly stigmatized in many countries so that the willingness to openly report a heroin abuse problem is limited. However, a number of indirect methods have been developed over the last two decades to provide estimates for this group of problem drug users. They include various multiplier methods (e.g. treatment multipliers, police data multipliers, HIV/AIDS multipliers or mortality multipliers), capture-recapture methods, and multivariate indicators.

Treatment multiplier: If a survey among heroin addicts reveals, for instance, that one quarter of them was in treatment in the last year, the multiplication of the registered treatment population with a multiplier of four provides an estimate of the likely total number of problem heroin users in a country. Police data multiplier: Similarly, if a survey among heroin addicts reveals that one out of five addicts was arrested in the previous year, a multiplication of the persons arrested for heroin possession by the multiplier (five) provides another estimate for the number of heroin users. Establishing various multipliers and applying them to the registered drug using population, provides a range of likely estimates of the heroin abuse population in a country. Either the mid-point of the range, the median or the mean of these estimates can be subsequently used to arrive at a national estimate.

While in the analysis of the drug abuse situation and drug abuse trends all these indicators were considered, when it came to provide a global comparison a choice was made to rely on the one key indicator that is most available and provides an idea of the magnitude for the drug abuse situation: annual prevalence among the population aged 15 to 64.

[b] The problem of under-estimation is more widespread for heroin, but it is not excluded for other drugs, especially drugs related to problem drug use such as cocaine or methamphetamine.

Capture-recapture models are another method based on probability considerations, which can be undertaken without additional field research[c]. If in one register (e.g. arrest register) 5000 persons are found (for possession of heroin) and in a second register (e.g. treatment register) 2000 persons are found (for treatment of heroin abuse), and there are 400 persons who appear in both registries, it can be assumed that 20% (400/2000) of the drug addicts have been arrested, so that the total heroin addict population could be around 25,000 (5000/20%), five times larger than the total number of arrested heroin users.[d] Results can usually be improved if data from more than two registers are analysed (e.g. data from arrest register, treatment register, ambulance register, mortality register, substitution treatment register, HIV register etc). More sophisticated capture-recapture models exist, and are used by some advanced countries, in order to make calculations based on more than two registries. However in order to arrive at reasonable orders of magnitude of the heroin problem in a particular country it is probably sufficient to calculate the various combinations shown above and subsequently report the mid-point, the median or the mean of the resulting estimates.

Another interesting approach is the use of multivariate indicators. For this approach, a number of local/regional studies are conducted, using various multiplier and/or capture-recapture methods. Such local studies are usually far cheaper than comprehensive national studies. They serve as anchor points for the subsequent estimation procedures. The subsequent assumption is that drug abuse at the local level correlates with other data that are readily available. For instance, heroin arrest data, heroin treatment data, IDU related HIV data, etc. are likely to be higher in communities where heroin abuse is high and lower in communities where heroin abuse is low. In addition, heroin abuse may correlate with some readily available social indicators (higher levels in deprived areas than in affluent areas; higher levels in urban than in rural areas etc). Taking all of this additional information into account, results from the local studies are then extrapolated to the national level.

Whenever such indirect estimates for problem drug use were available, they were given priority over household survey results. Most of the estimates for problem drug use were obtained from European countries. Unless there was evidence that a significant proportion of problem drug use was related to the use of other drugs, it was assumed that the problem drug use concerned opiates. In the case of some of the Nordic countries, where amphetamine use is known to account for a significant proportion of overall problem drug use, the data of reported problem drug users were corrected by applying the proportion of opiate consumers in treatment in order to arrive at estimates for opiate abuse.

For other drugs, priority was given to annual prevalence data found by means of household surveys. A number of countries, however, did not report annual prevalence data, but lifetime or current use of drug consumption, or they provided annual prevalence data but for a different age group. In order to arrive at basically comparable results, it was thus necessary to extrapolate from reported current use or lifetime prevalence data to annual prevalence rates and/or to adjust results for differences in age groups.

c. Extrapolation methods used

The methods used for these adjustments and extrapolations are best explained by providing a number of concrete examples:

Adjustment for differences in the age groups:

New Zealand, for instance, undertook a household survey in 2001, covering the population age 15-45. According to this survey, annual prevalence of ecstasy use was found to affect 3.4% of the population 15-45, equivalent to about 56,000 people. Given the strong association between ecstasy use and younger age groups it can be assumed that there is little ecstasy use in the 45+ age group. Thus, simply dividing the ecstasy using population established above by the age group 15-64 gives an estimated prevalence rate of 2.25%.

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[c] Such methods were originally developed to estimate the size of animal population. If, for instance, 200 fish are caught (' capture'), marked, and released back into the lake, and then the next day 100 fish are caught, of which 10 were already marked ('re-captured'), probability considerations suggest that the number of fish captured the first day were a 10% sample of the total population. Thus the total population of the lake can be estimated at around 2000 fish.

[d] The advantage of this method is that no additional field research is necessary. There are, however, problems as the two ' sampling processes' for the registries in practice are not independent from each other so that some of the underlying assumptions of the model may be violated (e.g. the ratio could be higher as some of the people arrested are likely to be transferred to a treatment facility; thus the ratio does not correspond any longer to the true proportion of people arrested among the addicts population, and may lead to an under-estimation of the total heroin addict population).

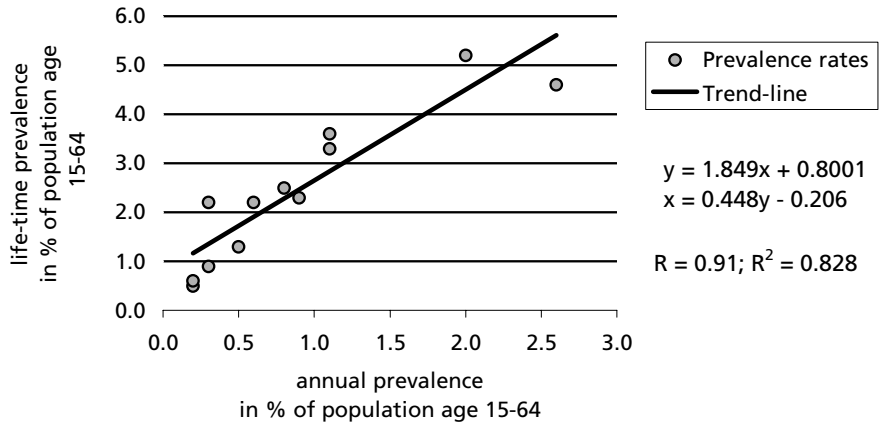
The situation is slightly more complex when it comes to cocaine. The same approach for New Zealand would lower the annual cocaine prevalence rate from 0.6% of the population age 15-45 to 0.4% of the population age 15-64. In this case, however, it must be assumed that there are still some people above the age of 45 consuming cocaine. A rate of 0.4% is thus a minimum estimate. An alternative estimation approach, however, is indicated. Thus, the relationship between cocaine consumption among the group of those age 15-45 and those age 15-64 in other countries was investigated. The finding was that the prevalence rate of cocaine use among those age 15-64 tends to be around 75% of the prevalence rate of those age 15-45. Instead of 0.4%, the cocaine prevalence rate in New Zealand has thus been estimated to affect 0.45% of the population age 15-64.

Similar considerations were also used for the age-group adjustment of data from other countries. A number of countries reported prevalence rates for the age groups 15+ or 18+. In these cases it was generally assumed that there was no substance abuse above the age of 65. The number of drug users based on the population age 15+ (or age 18+) was thus simply shown as a proportion of the population age 15-64.

Extrapolation of results from lifetime prevalence to annual prevalence

Some countries have conducted surveys in recent years, but did not ask the question whether drug consumption took place over the last year. In such cases, results can be still extrapolated to arrive at annual prevalence estimates and reasonably good estimates can be expected. Taking data for life-time and annual prevalence of cocaine use in countries of Western Europe, for instance, it can be shown that there is a rather strong positive correlation between the two measures (correlation coefficient R = 0.91); i.e. the higher the life-time prevalence, the higher is, in general, annual prevalence and *vice versa*. Based on the resulting regression curve (x = 0.448y - 0.206 with x = annual prevalence and y = life-time prevalence) it can be estimated that a West European country with a life-time prevalence of 2% is likely to have an annual prevalence of around 0.7% (0.448*2 - 0.206 = 0.7; also see figure).

Annual and life-time prevalence rates of cocaine use in Western Europe



Sources: UNODC, Annual Reports Questionnaire Data / EMCDDA.

Almost the same result is obtained by calculating the ratio of the unweighted annual prevalence rates of the West European countries and the unweighted life-time prevalence rate (0.88/2.43 = 0.362) and multiplying this ratio with the life-time prevalence of the country concerned (0.362 * 2% = 0.7%).

A similar approach used was to calculate the overall ratio by averaging the annual/life-time ratios, calculated for each country[e]. Multiplying the resulting average ratio (0.347) with the lifetime prevalence of the country concerned provides the estimate for the annual prevalence (0.347 * 2% = 0.7%). This approach also enables the calculation of a confidence interval for the estimate. With a 95% probability the likely annual prevalence

[e]For each country the ratio between annual prevalence and lifetime prevalence is calculated. The results are than averaged: In our example: (0.4+0.33+0.14+0.33+0.38+0.27+0.32+0.39+0.33+0.31+0.38+0.57)/12 = 0.347.

estimate for the country concerned falls within a range of 0.6% to 0.8%[f]. Given this close relationship between life-time and annual prevalence (and an even stronger correlation between annual prevalence and monthly prevalence), extrapolations from life-time or current use data to annual prevalence data was usually given preference to other kinds of possible extrapolations.

However, data also show that good estimation results (showing only a small potential error) can only be expected from extrapolations done for a country located within the same region. If instead of using the West European average (0.35), the ratio found in the USA was used (0.17), the estimate for a country with a lifetime prevalence of cocaine use of 2% would decline to 0.3% (2% * 0.17). Such an estimate is likely to be correct for a country with a drug history similar to the United States, but it is probably not correct for a West European country where the dynamics of the drug markets showed a different pattern. The reason for the difference is that the USA has had a cocaine problem for more than two decades and is thus confronted with very high lifetime prevalence rates while it made considerable progress in reducing cocaine consumption as compared to the mid 1980s. All of this leads to a small proportion of annual prevalence to lifetime prevalence. In Western Europe, by contrast, the cocaine problem is largely a phenomenon of the last decade and still growing. The result, obviously, is a much larger ratio.

Against this background, data from countries in the same region were used, wherever possible, for extrapolation purposes. Thus, data from Eastern Europe were used to extrapolate results for countries which did not collect annual prevalence rates. All of the East European countries had very low drug abuse levels during the cold war, but they grew rapidly in the 1990s. UNODC received annual prevalence estimates from the Czech Republic, Slovakia, Poland and Estonia, and lifetime prevalence estimates from Hungary and Estonia. The following example shows how the extrapolations were done for cannabis. Based on available data, an average ratio of annual prevalence to lifetime prevalence of 0.38 was established for the region. Applying this ratio to the lifetime prevalence found in Hungary (5.7%) provided an estimate of 2.2% (range: 1.2%-3.2%). In the case of Slovenia, the lifetime prevalence had first to be adjusted from the population 18+ to the age group 15-64. The resulting lifetime prevalence (10%) was then multiplied with the ratio (10% * 0.38) to arrive at an estimate of annual prevalence of cannabis use in the country (3.8%; range: 2.1%-5.6%). The calculation of the confidence intervals was the same as discussed above. If the ratios found in the USA had been used instead, the estimate would have been 1.5% for Hungary and 2.7%for Slovenia. Such estimates are likely to underestimate annual prevalence of cannabis use in the two countries and were thus not used. Nonetheless, they are useful as they provide some idea of the likely magnitude of the lower limit for the country estimates.

[f] The calculation of the *confidence interval* can be done as follows:

1).Determination of alpha (usually 0.05);

2).Determination of the number of observations (12 in this case) and 3. Calculation of the standard deviation (0.099 in this example). This allows to calculate the standard error (standard deviation: (square root of n), i.e. (0.099/(square root of 12)) = 0.0286)). The z value for alpha equalling 0.05 is 1.96. Multiplying the standard error with the z-value (0.0286*1.96) would give the confidence interval (+/- 0.056). But, given the low number of observations (where n< 30), the use of t-statistics is indicated. In this case, the standard error must be multiplied with the appropriate t-value (2.201 in this example for 12 observations and alpha equalling 0.05 for two-sided t-statistics as can be found in t-value statistics). The result is a confidence interval of +/- 0.0629 (=0.0286 * 2.201). Several spreadsheet programs provide such statistics automatically. In Excel, for instance, the 'descriptive statistics' in tool menu under 'data analysis' calculates the confidence interval automatically and uses the t-statistics, wherever appropriate. Applying the +/-0.063 confidence interval to the average ratio calculated above to the mean ratio of 0.347 gives a range of ratios of 0.282 to 0.41. Using the two ratios one arrives at a minimum estimate of the annual prevalence rate of 0.56% (2% * 0.282) and a maximum estimate of the annual prevalence rate of 0.82% (2% * 0.41).

Estimates of annual prevalence of cannabis use among the general population in new EU member countries

	Age group	Life-time prevalence	Annual prevalence	Range (95% confidence interval)	Ratio	Population
Czech Republic	15-65	21.1	10.9		0.52	
Slovakia	15-64	14.6	3.6		0.25	
Poland	16+	6.5	2.4		0.37	
Estonia	18-70	5.0	2.0		0.40	
Average ratio					**0.38**	
			Estimates of annual prevalence			
Hungary	18-65	5.7	**2.2 (5.7*0.38)**	**1.2 – 3.2**		
Slovenia	18+	8.8				1,579,624
Adjusted	15-64	10.0				1,394,414
Slovenia	15-64	10.0	**3.8 (10*0.38)**	**2.1 – 5.6**		

Extrapolation of results from IDU related HIV cases and other indicators

In a number of cases, countries have supplied UNODC with information that is not directly comparable with information from other countries. In such cases reported data as well as all available estimates based on extrapolation from other sources have been used to arrive at an 'UNODC estimate'.

The problem can be demonstrated using the example of the Ukraine. Official data, submitted to UNODC, showed a prevalence rate of opiate abuse of 0.16%. Using such data would have implied that the country – in comparative terms – would have had one of the lowest levels of opiate abuse in Europe. Other available (mainly qualitative) information suggested, however, that this was not likely to be the case. Indeed, the data provided only covered the number of registered opiate users, and thus represented the lowest possible estimate of opiate abuse in the country. Based on the country's participation in the ESPAD school surveys, a regression analysis[g] with data from other countries in the region suggested that a prevalence rate of around 0.9% could be expected. Based on the number of newly registered HIV cases in this country in 2002, related to injecting drug use (and thus to injecting of opiates), a linear regression analysis with opiate abuse in other countries of the region suggested that a prevalence rate of 1.2% of the population age 15-64 could be possible. However, it must be taken into account that the correlation of opiate use and school survey results is not very strong and that the correlation between opiate abuse and IDU-related HIV is very weak, as shown by available data from both Eastern Europe and Western Europe. The actual spread of the HIV virus among IDUs and differences in drug policies (such as needle exchange programmes) seem to account for this. It is thus not possible to rely merely on school survey data or HIV data for extrapolation purposes. It is nonetheless likely that the actual prevalence rate falls within the range of 0.2% to 1.2%. Given the lack of any clear indication of the superiority of one method over another, the average of all three estimates was calculated and is used, for the moment, as the UNODC estimate for the country. The resulting estimate (0.8%) is about 4 times the number of registered opiate users in the country. This is not uncommon, as similar ratios between total use and registered use have also been found in a number of other countries.

[g] The linear regression was calculated by using the 'forecast' function in an Excel spreadsheet.
The equation for FORECAST is a+bx, where:

$$a = \bar{Y} - b\bar{X}$$

and:

$$b = \frac{n\Sigma xy - (\Sigma x)(\Sigma y)}{n\Sigma x^2 - (\Sigma x)^2}$$

Estimate for opiate abuse based on IDU-related HIV data and other indicators

	Opiate abuse in % of population age 15-64	Source	ESPAD 1999 in % of 15-16 year olds	IDU related HIV cases per million inhabitants in 2002 based on Euro HIV
Estonia	1.20	EMCDDA (problem drug use)	2	516
Latvia	1.72	EMCDDA (problem drug use)	4	164
Poland	0.24	EMCDDA (problem drug use)	2	5
Russia	2.10	Russian authorities	2	125
	Estimates of opiate abuse (for population age 15-64)	Source / method		
Ukraine	0.16	ARQ, registered users,	1	94
Ukraine	0.9	ESPAD, using a regression analysis		
Ukraine	1.2	HIV, using a regression analysis		
Ukraine	**0.8**	Average ('UNODC estimate')		

Extrapolations based on school surveys

Analysis of countries which have conducted both school surveys and national household surveys shows that there is, in general, a positive correlation between the two variables, particularly for cannabis, ATS and cocaine. The correlation, however, is weaker than that of lifetime and annual prevalence or current use and annual prevalence among the general population but stronger than the correlation between opiate use and IDU-related HIV cases.

The following example shows the extrapolation of school survey results for cocaine abuse in the Americas. Overall 10 countries in the region provided estimates for both annual prevalence from household surveys and estimates from student surveys. The correlation between results of annual prevalence in household surveys is clearly positive, though not very strong (R = 0.67), leading to rather large confidence intervals.

In Colombia, for instance, a youth survey, conducted in 2001, revealed a lifetime prevalence of cocaine abuse of 4.5 % among those age 10-24 and - within this group - a lifetime prevalence of 4.2% among secondary school students. Based on the average ratio between annual prevalence in household surveys and lifetime prevalence among secondary school students, an annual prevalence of 2.3% could be estimated. Using a linear regression analysis[h], based on the results of other countries in the Americas, an annual prevalence of cocaine use of 1.6% can be expected. For calculation of the global cocaine estimates, the estimates resulting from the linear regression were used. However, the range of the estimates is rather large. With 95% confidence the true results for Colombia should fall within a range of 0.8% to 2.4%.[i]

[h] The regression analysis was done using the 'Forecast' function in Excel.

[i] Calculations of the confidence interval based on a regression analysis are too detailed to provide here, but can be documented if necessary.

Estimates of annual prevalence of cocaine use in the Americas based on school survey data

	Year	Age group	Annual prevalence based on household survey		School survey	life-time	Source	Ratio
USA	2002	15-64	**3.1**		13 to 18	5.8	UNODC	0.53
Argentina	1999	16-64	1.9		12 to 18	1.3	UNODC	1.47
Chile	2002	15-64	1.6		13 to 18	5.1	UNODC	0.31
Ontario (Canada)	2000	15-64	**1.4**		11 to 19	5.2	Govt.	0.27
Bolivia	2000	12+	1.1		12 to 19	1.7	UNODC	0.66
Ecuador	1995	15-64	0.9		13 to 18	2.4	UNODC	0.38
Peru	2002	12-64	0.7		12 to 17	1.6	UNODC	0.43
Brazil	2001	15-64	**0.5**		10 to 19	2.0	UNODC	0.25
Costa Rica	2000	12-70	0.4		13 to 18	0.4	UNODC	1.00
Uruguay	2001	12-65	0.3		13 to 17	2.4	UNODC	0.13
Average								0.54
			Estimates of annual prevalence School surveys data					
	Year	Age group	Based on regression analysis	Based on average ratio	Age group	Life-time	Source:	
Colombia	2001	15-65	*1.6*	2.3	10 to 18	4.2	UNODC	
Guatemala	2001	15-65	*1.0*	1.2	12 to 19	2.2	CICAD	
Nicaragua	2001	15-65	*1.0*	1.1	12 to 19	2.1	CICAD	
St. Lucia	2002	15-65	*1.0*	1.1	12 to 19	2.1	GAP	
Barbados	2002	15-65	*0.9*	1.1	12 to 19	2.0	UNODC	
Nicaragua	2002	15-65	*0.9*	1.1	12 to 19	2.0	UNODC	
Jamaica	2001	15-65	*0.9*	1.0	12 to 16	1.9	GAP	
Guatemala	2002	15-65	*0.9*	1.0	12 to 19	1.8	UNODC	
El Salvador	2002	15-65	*0.8*	0.8	12 to 19	1.5	UNODC	
Bahamas	2001	15-65	*0.8*	0.8	12 to 19	1.5	UNODC	
Honduras	2002	15-65	*0.8*	0.8	12 to 19	1.5	UNODC	
Bahamas	2002	15-65	*0.7*	0.6	12 to 19	1.1	GAP	
St. Vincent & Grenadines	2002	15-65	*0.7*	0.6	12 to 19	1.1	GAP	
Paraguay	2001	15-65	*0.6*	0.5	12 to 19	1.0	CICAD	
Suriname	2002	15-65	*0.5*	0.4	12 to 19	0.7	UNODC	
Belize	1998	15-65	*0.6*	0.4	12 to 19	0.7	UNODC	

Note: **bold** indicates that data were adjusted for differences in age groups; *italic* indicates UNODC estimates, which were also applied for subsequent calculation purposes to estimate the global extent of cocaine abuse.

Extrapolation to regional and global level

The next step, after having filled, as far as possible, the data gaps, was to calculate the average prevalence for each sub-region. This is shown below in the example of opiate abuse in the Central and East European countries. For this purpose country specific prevalence rates were applied to the population age 15-64, as provided by the United Nations Population Division for the year 2002. The calculations showed an average prevalence rate of 1.2% for the sub-region. For the remaining countries in each sub-region the average prevalence rate was usually applied, unless some additional information suggested that the sub-regional average would be too high or too low for the countries concerned. For instance, all available information (mostly qualitative) suggests that opiate abuse is a problem in Serbia & Montenegro and in Bosnia Herzegovina and that it is higher there than in several other European countries; but there are no indications that opiate abuse would be substantially higher than in neighbouring countries. Using the sub-regional average would have meant estimating abuse in these two countries as higher than in neighbouring countries. However, there are also indications that due to the war-related isolation and lack of financial means of large sections of the population, prevalence of opiate abuse (though growing) could be well lower than in the neighbouring countries. Against this background, an alternative way of estimating the prevalence rate was used: the prevalence rate was estimated by taking the average prevalence rate of other countries in the immediate neighbourhood (Bulgaria, Croatia and Slovenia); in addition, the rates were adjusted downwards. A similar

method was also applied to other regions whenever existing quantitative or qualitative information indicated good reasons not to apply the sub-regional average. In general, all of these 'adjustments' affected the overall sub-regional estimate only slightly. If the sub-regional average had been applied for the two countries, the overall estimate for Central and Eastern Europe would have amounted to 2.8 million instead of 2.7 million people.

Following the detailed calculation of all of the sub-regional estimates as outlined above, the individual sub-regional estimates ('number of drug users') were aggregated to form a regional estimate, and the regional estimates were then aggregated to arrive at the global estimates.

Estimate of opiate abuse use in the countries of Central and Eastern Europe

	Population age 15-64 in million	Estimated number of opiate abusers in thousand	Prevalence rate in %
Belarus	6.83	6.2	0.09
Albania	2.05	10.3	0.50
Bulgaria	5.48	27.4	0.50
Croatia	2.97	20.8	0.70
Czech Republic	7.21	37.5	0.52
Estonia	0.90	10.9	1.20
Hungary	6.82	28.5	0.42
Latvia	1.58	27.1	1.72
Lithuania	2.30	12.7	0.55
TFYR Macedonia	1.38	5.5	0.40
Republic of Moldova	2.95	2.2	0.07
Poland	26.86	64.5	0.24
Romania	15.44	46.3	0.30
Russian Federation	101.36	2,128.6	2.10
Slovakia	3.78	11.4	0.30
Slovenia	1.40	7.7	0.55
Ukraine	33.68	269.4	0.80
Subtotal I	**223.0**	**2,716.9**	**1.22**
Countries for which no estimates exist:			
Bosnia Herzegovina	2.96		
Serbia & Montenegro	7.07		
Subtotal II	**10.0**	**46.9**	**0.44***
Central and Eastern Europe	**233.0**	**2,763.8**	**1.19**

* Average rate of Croatia, Bulgaria, Slovenia; adjusted (75%).

d. Concluding remarks

This process of estimation and the methods used for extrapolating the estimates are not free from risk. All of the extrapolations can potentially lead to substantial over-estimation or an under-estimation. While this is definitely true for individual countries, it can be expected that over-estimates and under-estimates partly offset each other at the global level. Moreover, in order to reduce the risk of any systematic bias, estimations were based, as far as possible, on the data from a series of neighbouring countries in the region. It is, however, recognized that the currently provided estimations can change considerably once actual survey data becomes available. This makes it difficult, if not impossible, to derive trends in drug consumption from these consumption estimates. Indeed, as previous 'guesstimates' were replaced with 'estimates' derived from household surveys (or from student surveys), some of the totals (notably for cannabis and, to a lesser extent for amphetamines and cocaine) declined as compared to UNODC's last estimate presented in the *Global Illicit Drug Trends 2003* publication, though other indicators suggested that drug abuse, notably for cannabis and, to a lesser extent for amphetamines, continued to increase. UNODC's methodology to arrive at global estimates by extrapolating results from a sample of countries (for which data is available) to a sub-region, also meant that such methodological changes had a significant impact on the final estimates.

The global estimates presented in this report must therefore be treated with a high degree of caution. They provide likely orders of magnitude, as opposed to precise statistics on the prevalence and evolution of global drug abuse. Further changes can be still expected as countries provide more robust estimates based on rigorous scientific methods. Nonetheless, in the absence of global studies on drug abuse, the estimations and the estimation procedures provided in this report guarantee the best picture that is currently obtainable.

Trends in drug abuse

a. Overview

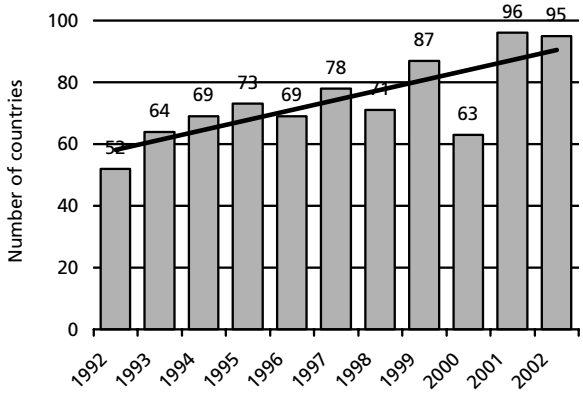
Ideally, global trends in drug abuse should be monitored by comparing estimates of drug abuse in one year with those found in a subsequent year. In practice, however, this approach does not work – at least not for the time being - as a number of changes in the global estimates are due to methodological improvements and not due to underlying changes in drug abuse. Moreover, general population surveys are very expensive to conduct and only a few countries have an ongoing monitoring system based on these instruments.

What many countries do collect, however, is routine data such as number of persons arrested for drug abuse, urine testing of arrestees, number of persons undergoing drug treatment, or they monitor drug abuse based on school surveys. In addition, drug experts dealing on a regular basis with drug issues – even without having precise data at hand – often have a good feeling about whether abuse of certain drugs is increasing, stabilizing or declining in their constituency.

This knowledge base is regularly tapped by UNODC. Member States usually pass the Annual Reports Questionnaire to drug experts in the country (often in the ministry of health) who provide UNODC with their perception, on a five-point scale, of whether there has been a 'large increase', ' some increase', ' no great change', some decrease' or a 'large decrease' in the abuse of the various drugs over the past year. The perceptions may be influenced by a number of factors and partial information, including police reports on seizures and arrests, reports from drug treatment centres, reports from social workers, press reports, personal impressions, etc. Any of these influencing factors could contain a reporting bias which has the potential to skew the data towards a misleading increase or decrease. Prioritization of the drug issue is another factor which influences reporting. It can probably be assumed that the countries which reply regularly to the ARQ are those which take the drug problem more seriously. In a number of cases this is a consequence of rising levels of drug abuse and thus increased public awareness of the problem. All of this suggests that the sample of countries replying to the ARQs may be slightly biased towards countries faced with a deteriorating drug problem. Results must thus be treated with some caution and should not be over-interpreted.

Despite these caveats, trend data provide interesting insights into the growth patterns of individual drugs as well as into regional and global growth patterns. They represent the most comprehensive data set of expert opinion available on the development of the drug abuse problem at the global level, provided in a consistent manner over more than a decade.

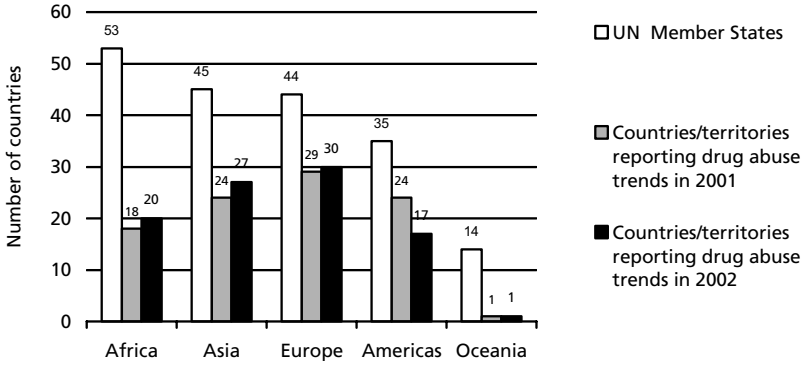
Number of countries & territories reporting drug abuse trends to UNODC



Source: UNODC, Annual Reports Questionnaire Data

Replies to the Annual Report Questionnaire (ARQ) on trends in drug abuse are more comprehensive than on estimating the numbers of drug abusers. About 90% of all countries and territories which returned Part II of the ARQ for the year 2002, in compliance with their obligations under the international drug control treaties (n = 106), provided information on drug abuse trends (n = 95). (The ARQ was distributed to 194 countries and territories; the overall response rate of the questionnaire for the year 2002 was thus 55%, in line with annual response rates varying between 40 and 60% over the last five years)[j]. The analysis on drug abuse trends for the year 2002 was based on the replies of 95 countries and territories, about the same number as a year earlier, up from 52 countries and territories a decade earlier. Overall 151 countries and territories reported drug abuse trends to UNODC over the last decade. The distribution of countries reporting in 2002 was roughly the same as a year earlier and provides a reasonably good coverage across all regions.

Regional distribution of reports received on drug abuse trends for the years 2001 and 2002



Source: UNODC, Annual Reports Questionnaire Data.

b. Aggregating trend data

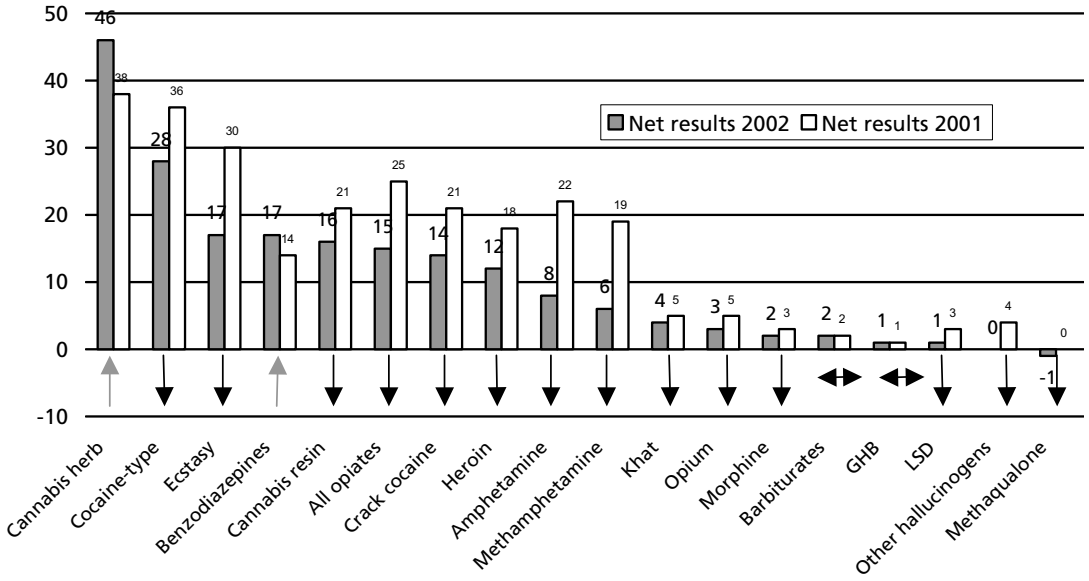
Various methods have been developed and have been used in this report for the trend aggregation.

The 'traditional' method consisted of simply counting the number of countries reporting increasing, stable and declining levels of drug abuse. This is in line with business cycle trend analysis where enterprises are asked on a routine basis about their perceptions of whether production is expected to increase, remain stable, or fall over the new few months. Changes in the 'net results', i.e. number of respondents reporting increases less those reporting declines, have proven to be a good and useful indicator for showing overall changes in the trend. For the purpose of calculating this indicator, the categories 'strong increase' and 'some increase' were combined into a new category 'increase'. Similarly, the categories 'strong decline' and 'some decline' were combined into a new category 'decline'.

The advantage of using this method for describing drug trends at the global level is that a large number of actors, independent of each other, express their views on the trend in their countries. Though some experts may well report wrong trend data, it is unlikely that mistakes all go in the same direction. Thus, trend data for 2002, for instance, showed that there were more countries reporting increases in drug abuse than those reporting declines. However, the rate of increase declined in 2002 as compared to 2001, including for opiates, cocaine-type substances and ATS. The only exceptions to this 'downward trend' in 'the rate of increase' were cannabis and benzodiazepines.

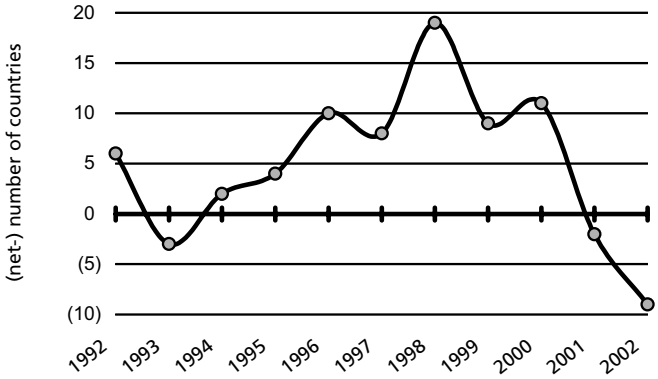
[j] The response rate was 54 per cent (103 replies submitted) for the reporting year 2001, 41 per cent (80 replies submitted) for 2000, 49 per cent (94 replies submitted) for 1999 and 58 per cent (112 replies submitted) for 1998.

Drug abuse trends in 2001 and 2002: Number of countries reporting increases less number of countries reporting declines



A variation of this method was used as well. Instead of showing the number of countries reporting increases less those reporting declines, an alternative approach was to calculate the number of countries reporting increases less those reporting stable or declining levels of abuse. The reasons for this was that authorities in a number of countries are apparently reluctant to report declining levels of abuse and, in order to be 'on the safe side', prefer to report a 'stable' trend instead. In the case of heroin, for instance, this approach shows a strong increase of heroin abuse at the global level until the late 1990s and a stabilization/decline until 2002. Detailed data from a number of countries with functioning monitoring systems in place have shown a similar trend pattern.

Heroin abuse trend: Number of countries reporting increases less number of countries reporting stable/declining levels of abuse



c. Weighted Analysis on Drug Abuse Trends ("Drug Abuse Trend Index")

A new analytical tool, called the *Weighted Analysis on Drug Abuse Trends* (WADAT), referred to in this report as *Drug Abuse Trend Index,* was designed by UNODC to allow for a better estimation of regional trends in drug abuse, taking into consideration the different population size of the countries within the regions.

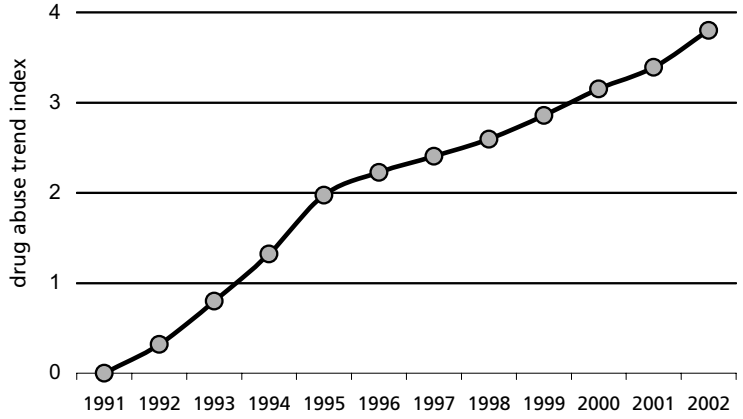
For this purpose, each degree of trend estimation was given a numerical value ranging from –2 to +2 (–2 representing a 'large decrease'; –1, 'some decrease'; 0, 'no great change'; +1, 'some increase'; and +2, 'a large

increase'). Estimates for each drug type were then multiplied by the proportion of the population of the country in relation to the total population of the region. The national estimates were added to represent annual regional trend estimate for each drug type and a cumulative trend for each region was calculated.

Ideally, the weighting should be based on the size of the drug abusing population under consideration. However, estimates are not available for all countries. This would have meant that trends reported for a number of countries would have to be ignored. Thus the size of the population was chosen as a more objective measure to calculate the relative importance of a trend reported by a country. Another question to solve was whether to use the population of the countries reporting or the total population of a region. It was decided to use the latter for this index. This allows, to some extent, better comparisons with other regions. There are, for instance, only a few countries in Africa reporting trends in ecstasy consumption. These few countries report, however, an increase. If the index were construed to take only the countries reporting into account, the result would have been a massive increase of ecstasy use across Africa, which has not been the case in Africa. Using the total population of Africa to calculate the countries' proportions, the Drug Abuse Trend Index shows only some minor increases of ecstasy use in Africa, which is more realistic.

The following table shows in some detail how the results in Africa were obtained for cannabis, the most widely consumed illegal substance in the region. If one takes South Africa for example, one can see that the country accounts for 6.2% of Africa's total population (age 15-64). South Africa reported a stable trend of cannabis use in 2001 and an increase in 2002; while cannabis herb was reported to have increased (1), cannabis resin was reported to have remained stable (0) in 2002. In such cases, the average was calculated (0.5). Applying South Africa's proportion in Africa's total population, the weighted trend for South Africa showed a value of 0.031. In the same way, the weighted trend data for all of other African countries were calculated. The sum amounted to +0.41, suggesting that there was a significant net increase in cannabis consumption in Africa in 2002. (If all countries in Africa had reported an increase, the rise in the index would have amounted to 1). The cumulative trend index, shown in this report, started with the year 1991 = 1. In 2001 it amounted to 3.39. For 2002 the new figure (0.41) was added, resulting in a total figure of 3.80 for Africa as a whole. Compared to other regions (and compared to other drugs) the increase of cannabis use in Africa was thus rather strong. The calculations show clearly that Africa – based on expert opinion - experienced an ongoing increase of cannabis use over the last decade.

Cannabis consumption trend in Africa: based on national experts' perceptions



Cannabis consumption trend Index for Africa

	Population age 15-64 in thousand	Proportion in total African population	Trends reported			Weighted trends	
			2001	2002		2001	2002
Benin	3393.7	0.75%	1.0			0.0075	
Burkina Faso	6115.6	1.35%	1.5			0.0202	
Burundi	3318.6	0.73%	0.0			0.0000	
Cameroon	8478.5	1.87%	1.0	1.0		0.0187	0.0187
Comoros	410.9	0.09%	-1.0			-0.0009	
Côte d'Ivoire	9005.4	1.99%		2.0			0.0397
Egypt	42470.9	9.37%					
Ethiopia	35457.9	7.82%	1.0	1.0		0.0782	0.0782
Gambia	771.7	0.17%	1.5			0.0026	
Ghana	11576.5	2.55%	1.0	1.0		0.0255	0.0255
Kenya	17359.1	3.83%		0.5			0.0191
Madagascar	8858.9	1.95%	1.0	0.0		0.0195	0.0000
Malawi	5974.3	1.32%		2.0			0.0264
Mauritius	828.5	0.18%	0.5	0.5		0.0009	0.0009
Morocco	19195.2	4.23%		2.0			0.0847
Namibia	1040.9	0.23%	1.0	1.0		0.0023	0.0023
Rwanda	4322.8	0.95%		0.0			0.0000
Sao Tome and Principe	85.6	0.02%	-1.0			-0.0002	
Seychelles	41.8	0.01%	1.0	1.0		0.0001	0.0001
Somalia	4709.4	1.04%		2.0			0.0208
South Africa	28140.0	6.21%	0	0.5		0.0000	0.0310
Togo	2542.1	0.56%	2	1		0.0112	0.0056
Tunisia	6383.5	1.41%	0	-1		0.0000	-0.0141
Uganda	11841.6	2.61%	1.5			0.0392	
United Republic of Tanzania	18983.3	4.19%		1			0.0419
Zambia	5400.8	1.19%		1			0.0119
Zimbabwe	6858.1	1.51%	1	1		0.0151	0.0151
Total population in Africa	453281.452	100.0%					
Sum						**0.2400**	**0.4080**
Index							
Years	1991		1998	1999	2000	2001	2002
Yearly results			0.19	0.26	0.30	0.24	0.41
Cumulative trend index	**1.0**	**..**	**2.60**	**2.86**	**3.15**	**3.39**	**3.80**

One advantage of such an analysis is that it takes the size of countries into account. In other words, the index gives more weight to the results reported from larger countries which – in absolute terms – are likely to have a higher addict population than smaller countries. This is in line with the observation that the overall impact of a rise of drug abuse in a larger country tends to have a far greater impact on global drug abuse than the rise in a smaller country. Another advantage is that the index takes into account the degree of change in drug abuse levels, thus making better use of all available information.

The Drug Abuse Trend Index is likely to show good results whenever levels of drug abuse are similar which is, in general, the case at the regional level. (Cocaine abuse is high in countries in the Americas; opiate abuse is high in countries in Asia, ecstasy use is high in countries of Western Europe etc.). It can, however, create problems if the index is used at the global level, without any further adjustments, in cases the distribution of drug abuse is very skewed. Calculating a Drug Abuse Trend Index for cocaine at the global level for instance, shows a distorted pattern as India, the world's second largest country in terms of population, recently started to report increases in cocaine use. Cocaine abuse, though rising in India, is still at very low levels in the country. But the weight of this country in terms of population meant that the index would show a sharp rise - which was not in line with actual cocaine consumption trends at the global level. Against this background, it was decided not to use the index, as it is, for the global analysis of trends for the cocaine market or the opiate market. In contrast, for cannabis or ATS which are found in all continents, the Drug Abuse Trend Index data were calculated and presented in this report.

There are also other limitations that need to be taken into account when interpreting the results. The information provided remains – in most cases – an expert opinion and is not necessarily based on hard scientific evidence. A mistake made by one expert in a country with a large population can seriously distort the global trend estimates. Moreover, it cannot be assumed that the difference between various degrees of drug abuse trends (for example, between "some decrease" and "large decrease") are interpreted in the same way in different countries (a large increase in a country with low prevalence may not have the same impact on regional trends as some increase in a country with high prevalence) or even in the same country in different reporting years, as the ARQs are often filled in by different persons. Reporting trends in the abuse of a drug type, such as cannabis, may be biased by differing trends in the abuse of substances in the same drug category (for example, the trend in the use of cannabis herb may be increasing while the trend in the use of cannabis resin is decreasing). For the purposes of this report each individual drug category was taken and an unweighted average was calculated. Of course, this is not without problems. In the example of South Africa, as shown above, it is known that cannabis resin does not play a role while cannabis herb is of major importance. The use of a simple average thus underestimates the actual increase of cannabis in this country. While for some countries, the detailed profile of substance abuse is well known, this would not be the case for others. Thus the general rule of averaging all drugs within one category was applied, though it is not without problems.

It should be also be noted that the Drug Abuse Trend Index is limited in that it only provides general directions with regard to the main drug types reported by Member States, inevitably leading to very broad generalization. Thus, there is, in addition, a need for more drug-specific trend analysis to support its conclusions.

Irrespective of these caveats, the overall results derived from the Drug Abuse Trend Index were found to be basically in line with other indicators at the regional level – wherever comparisons could be made - thus suggesting that the Index is a valuable tool for the analysis of drug abuse trends at the regional level, and, for cannabis and ATS, at the global level as well.

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An estimated 3 % of the global population, or 185 million people consume illicit drugs annually. Among this population are people from almost every country on earth and from every walk of life. Countless more people, around the world, are involved in the production and trafficking of illicit drugs, and still more are touched by the devastating social and economic costs of this trade. These people live in both developed and developing countries, are rich and poor, healthy and unhealthy, citizens and refugees. Illicit drugs are a truly global phenomenon. Partially a consequence of this pervasiveness, and partially a consequence of the illicit and hidden nature of this trade, reliable analysis and statistics on the production, trafficking and consumption of illicit drugs are rare.

In cooperation with Member States, the United Nations Office on Drugs and Crime (UNODC) has endeavoured to fill the gaps. In this first edition of the new two volume *World Drug Report*, UNODC presents more quantitative data than ever before in an